EAST Search History

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L5	309	L2 same L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 05:40
L7	37754	sulfonamide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 05:40
L8	96181	angio$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 05:40
L9	34652	angiogen$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 05:40
L10	13	L2 near10 L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 06:02
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L15	1272	l7 and l14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 06:39
L16	8	l7 near5 l14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 07:29

EAST Search History

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L28	186	l25 and l26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/13 07:59
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NEWS 5	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS 6	FEB 22	Updates in EPFULL; IPC 8 enhancements added
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NEWS 9	MAR 22	EMBASE is now updated on a daily basis
NEWS 10	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 11	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS 12	APR 04	STN AnaVist $500 visualization usage credit offered
NEWS 13	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 14	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS 15	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected
NEWS 16	MAY 10	CA/CAplus enhanced with 1900-1906 U.S. patent records
NEWS 17	MAY 11	KOREAPAT updates resume
NEWS 18	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS 19	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAplus and USPATFULL/USPAT2
NEWS 20	MAY 30	The F-Term thesaurus is now available in CA/CAplus
NEWS 21	JUN 02	The first reclassification of IPC codes now complete in INPADOC

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT http://download.cas.org/express/v8.0-Discover/

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
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NEWS IPC8	For general information regarding STN implementation of IPC 8
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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 05:49:44 ON 13 JUN 2006

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 05:49:52 ON 13 JUN 2006

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0
DICTIONARY FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

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* *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
* *
****

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

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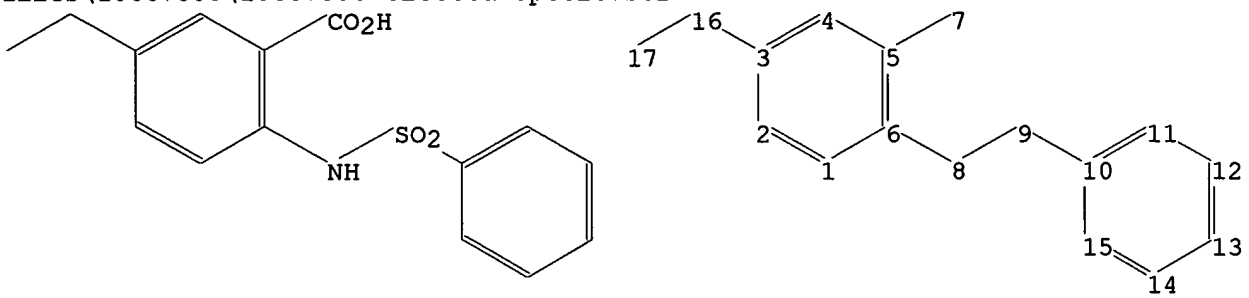
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10667358\10667358 elected specie.str



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ring nodes :
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ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 13-14 14-15
exact/norm bonds :
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exact bonds :
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normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 13-14 14-15

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 17:CLASS

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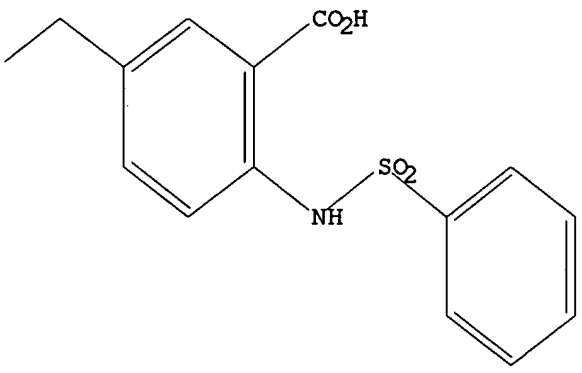

Structure attributes must be viewed using STN Express query preparation.

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100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA EXA SAM L1

=> search l1 exact full

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FULL SCREEN SEARCH COMPLETED - 28 TO ITERATE

100.0% PROCESSED 28 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L3 1 SEA EXA FUL L1

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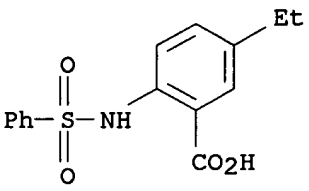
L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 677290-35-6 REGISTRY
ED Entered STN: 28 Apr 2004
CN Benzoic acid, 5-ethyl-2-[(phenylsulfonyl)amino]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C15 H15 N O4 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	58.44	58.65

FILE 'CAPLUS' ENTERED AT 05:50:39 ON 13 JUN 2006
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FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

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=> l3
L4 4 L3

=> d l4 1-04 ti

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamides having antiangiogenic and anticancer activity

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamides having antiangiogenic and anticancer activity

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamides having antiangiogenic and anticancer activity

L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
TI Sulfonamides having antiangiogenic and anticancer activity

=> d l4 1-04 ti fbib abs

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamides having antiangiogenic and anticancer activity
AN 2004:701804 CAPLUS
DN 141:173972
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IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.; Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chang Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve D.; Kolaczkowski, Lawrence; Mantei, Robert A.; Park, David C.; Sanders, William J.; Tedrow, Jason S.; Wang, Gary T.
PA USA
SO U.S. Pat. Appl. Publ., 127 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
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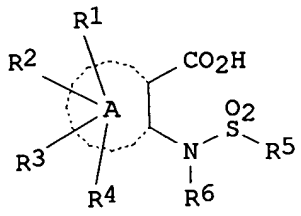

I

AB The title compds. [I; A = 5-6 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S (wherein the ring is optionally fused to a second 5-7 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S); R1-R3 = H, alkenyl, alkoxy, etc.; R4 = H, alkyl, alkoxy, etc.; R5 = alkyl, NH2, aminoalkyl, aryl, etc.; R6 = H, alkyl, aryl, etc.; provided

that when A = Ph, at least one of R1-R4 is other than H, alkyl, halo] having methionine aminopeptidase-2 inhibitory (MetAP2) activity, were prepared E.g., a multi-step synthesis of 5-ethyl-2-[(phenylsulfonyl)amino]benzoic acid, starting from 4-ethylaniline, was given. Representative compds. I had IC50's between about 0.005 μM and >100 μM against MetAP2. Also described are pharmaceutical compns. comprising the compds. I, methods of treatment using the compds. I, methods of inhibiting angiogenesis, and methods of treating cancer.

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamides having antiangiogenic and anticancer activity
AN 2004:652631 CAPLUS
DN 141:173970
TI Preparation of sulfonamides having antiangiogenic and anticancer activity
IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.; Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chang Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve D.; Kolaczkowski, Lawrence; Mantei, Robert A.; Park, David C.; Sanders, William J.; Tedrow, Jason S.; Wang, Gary T.
PA USA
SO U.S. Pat. Appl. Publ., 129 pp., Cont.-in-part of U.S. Ser. No. 267,081.
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				WO 2003-US31671 W	20031006
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PATENT FAMILY INFORMATION:

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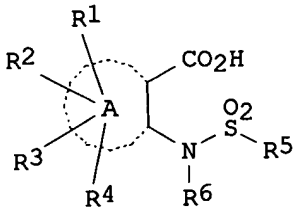

I

AB The title compds. [I; A = 5-6 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S (wherein the ring is optionally fused to a second 5-7 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S); R1-R3 = H, alkenyl, alkoxy, etc.; R4 = H, alkyl, alkoxy, etc.; R5 = alkyl, NH2, aminoalkyl, aryl, etc.; R6 = H, alkyl, aryl, etc.; provided that when A = Ph, at least one of R1-R4 is other than H, alkyl, halo] having methionine aminopeptidase-2 inhibitory (MetAP2) activity, were prepared E.g., a multi-step synthesis of 5-ethyl-2-[(phenylsulfonyl)amino]benzoic acid, starting from 4-ethylaniline, was given. Representative compds. I had IC50's between about 0.005 μM and >100 μM against MetAP2. Also described are pharmaceutical compns. comprising the compds. I, methods of treatment using the compds. I, methods of inhibiting angiogenesis, and methods of treating cancer.

L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamides having antiangiogenic and anticancer activity
AN 2004:333690 CAPLUS
DN 140:357061
TI Preparation of sulfonamides having antiangiogenic and anticancer activity
IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.; Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chan Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve D.; Kolaczkowsi, Lawrence; Mantei, Robert A.; Park, David C.; Sanders, William J.; Tedrow, Jason S.; Wang, Gary T.
PA Abbott Laboratories, USA
SO PCT Int. Appl., 309 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004033419	A1	20040422	WO 2003-US31671	20031006
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PATENT FAMILY INFORMATION:

FAN 2004:293400

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FAN 2004:652631

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US 2003-667358 A 20030923
WO 2003-US31671 W 20031006
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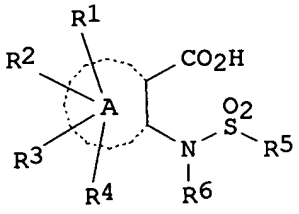

I

AB The title compds. [I; A = 5-6 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S (wherein the ring is optionally fused to a second 5-7 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S); R1-R3 = H, alkenyl, alkoxy, etc.; R4 = H, alkyl, alkoxy, etc.; R5 = alkyl, NH2, aminoalkyl, aryl, etc.; R6 = H, alkyl, aryl, etc.; provided that when A = Ph, at least one of R1-R4 is other than H, alkyl, halo] having methionine aminopeptidase-2 inhibitory (MetAP2) activity, were prepared E.g., a multi-step synthesis of 5-ethyl-2-[(phenylsulfonyl)amino]benzoic acid, starting from 4-ethylaniline, was given. Representative compds. I had IC50's between about 0.005 μM and >100 μM against MetAP2. Also described are pharmaceutical compns. comprising the compds. I, methods of treatment using the compds. I, methods of inhibiting angiogenesis, and methods of treating cancer.

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
TI Sulfonamides having antiangiogenic and anticancer activity
AN 2004:293400 CAPLUS
DN 140:315047
TI Sulfonamides having antiangiogenic and anticancer activity
IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.; Kawai, Megumi; Kim, Ki Hwan; Bamaung, Nwe Y.; Park, Chang Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi
PA USA
SO U.S. Pat. Appl. Publ., 26 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

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US 2002-267081 A2 20021008
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WO 2003-US31671 W 20031006

PATENT FAMILY INFORMATION:

FAN 2004:333690

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AB   Compds. having methionine aminopeptidase-2 inhibitory (MetAP2) are
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FULL ESTIMATED COST                                    38.11      96.76

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CA SUBSCRIBER PRICE                                    -3.00      -3.00

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STRUCTURE FILE UPDATES:   12 JUN 2006  HIGHEST RN 887497-01-0
DICTIONARY FILE UPDATES:  12 JUN 2006  HIGHEST RN 887497-01-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006
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conducting SmartSELECT searches.

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*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
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Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

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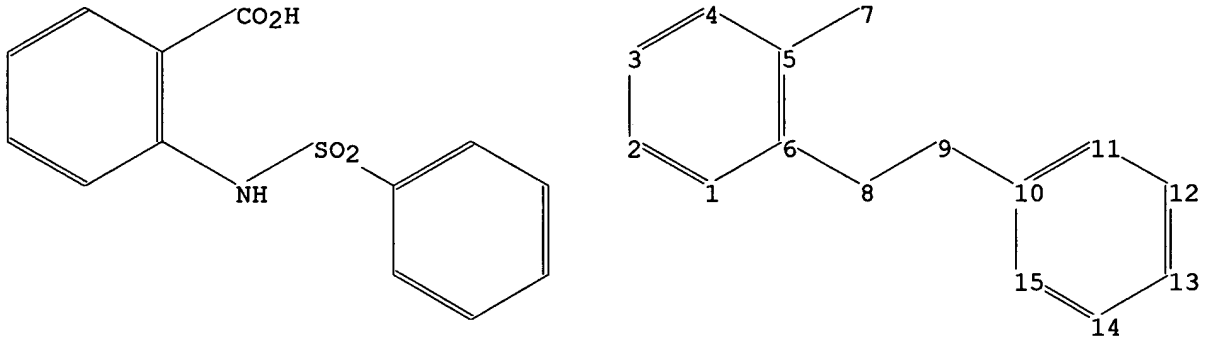

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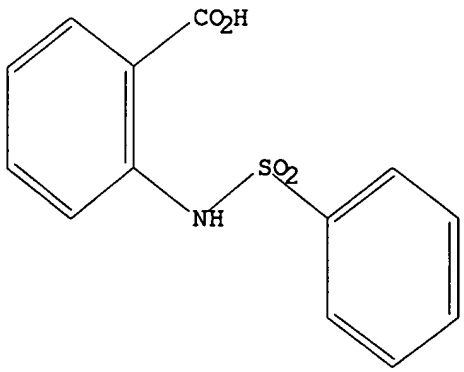

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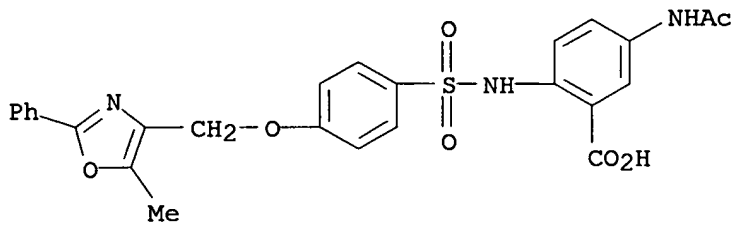

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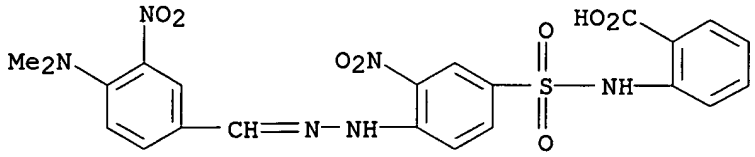

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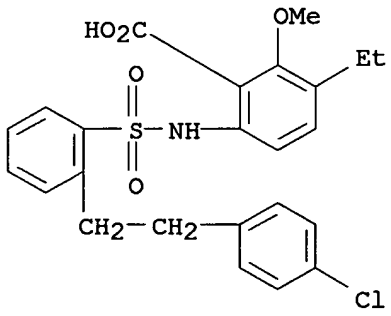

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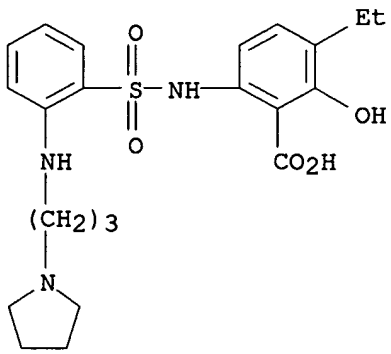

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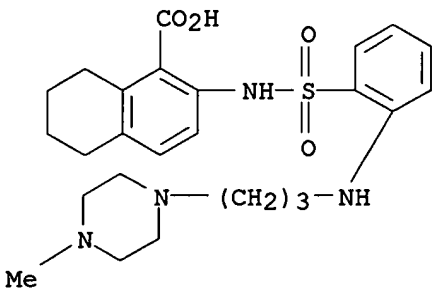

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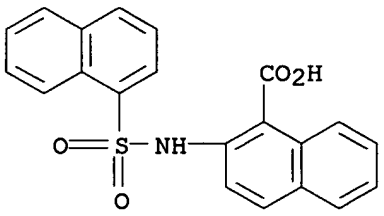

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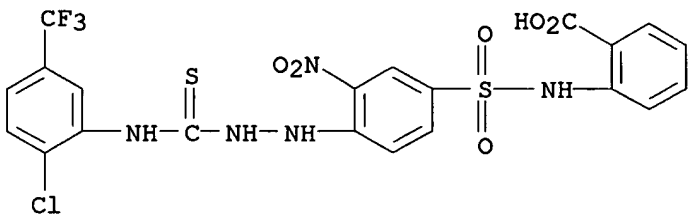
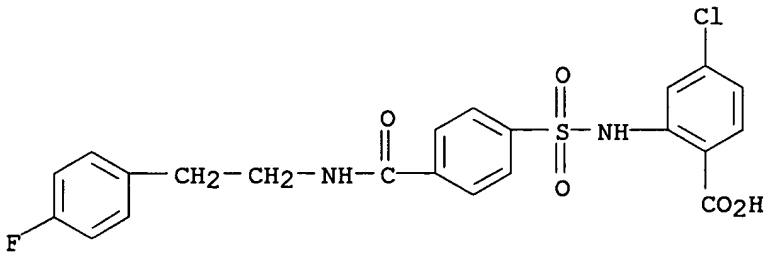
IN Benzoic acid, 2-[[[4-[2-[[[2-chloro-5-(trifluoromethyl)phenyl]amino]thioxomethyl]hydrazino]-3-nitrophenyl]sulfonyl]amino]- (9CI)
MF C21 H15 Cl F3 N5 O6 S2



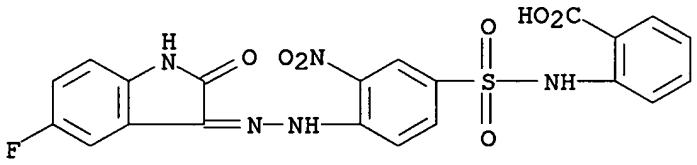
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 4-chloro-2-[[[4-[[[2-(4-fluorophenyl)ethyl]amino]carbonyl]phenyl]sulfonyl]amino]- (9CI)
MF C22 H18 Cl F N2 O5 S



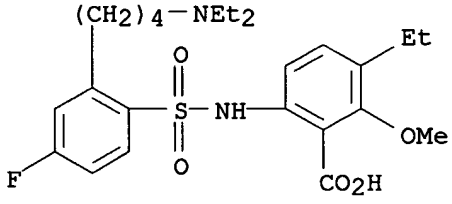
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 2-[[[4-[(5-fluoro-1,2-dihydro-2-oxo-3H-indol-3-ylidene)hydrazino]-3-nitrophenyl]sulfonyl]amino]- (9CI)
MF C21 H14 F N5 O7 S



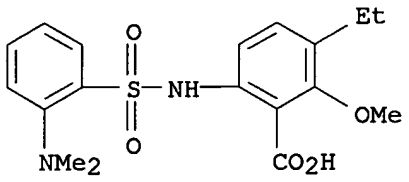
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 6-[[[2-[4-(diethylamino)butyl]-4-fluorophenyl]sulfonyl]amino]-3-ethyl-2-methoxy- (9CI)
MF C24 H33 F N2 O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

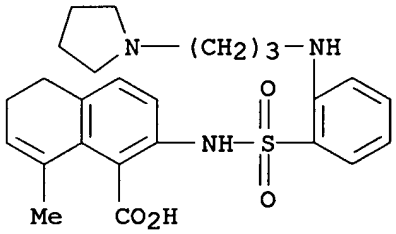
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 6-[[[2-(dimethylamino)phenyl]sulfonyl]amino]-3-ethyl-2-methoxy- (9CI)
MF C18 H22 N2 O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

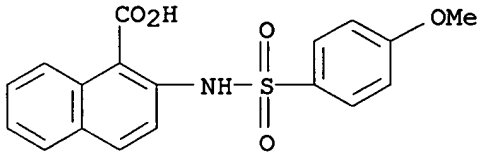
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 5,6-dihydro-8-methyl-2-[[[2-[[3-(1-pyrrolidinyl)propyl]amino]phenyl]sulfonyl]amino]- (9CI)
MF C25 H31 N3 O4 S



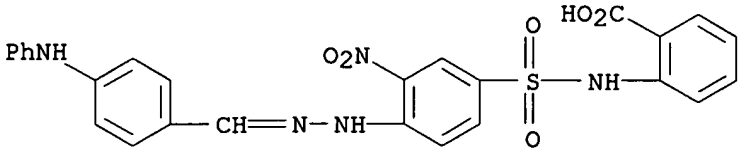
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[(4-methoxyphenyl)sulfonyl]amino]- (9CI)
MF C18 H15 N O5 S



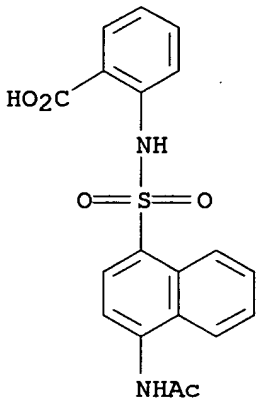
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 2-[[[3-nitro-4-[[[4-(phenylamino)phenyl]methylene]hydrazino]phenyl]sulfonyl]amino]- (9CI)
MF C26 H21 N5 O6 S



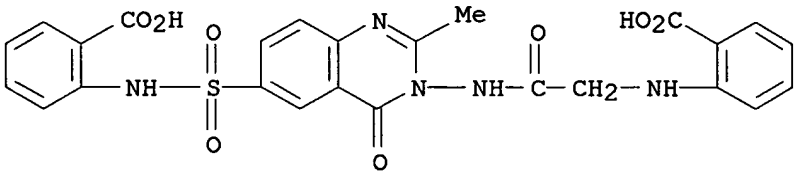
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Anthranilic acid, N-(N-acetylnaphthionyl)- (5CI)
MF C19 H16 N2 O5 S



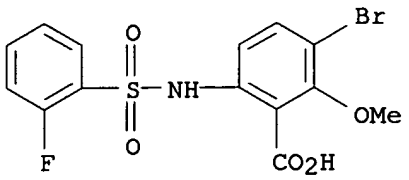
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 2-[[[3-[[[(2-carboxyphenyl)amino]acetyl]amino]-3,4-dihydro-2-methyl-4-oxo-6-quinazolinyl]sulfonyl]amino]- (9CI)
MF C25 H21 N5 O8 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

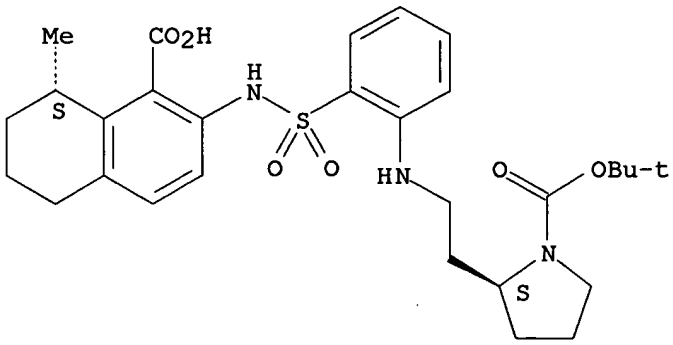
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 3-bromo-6-[[(2-fluorophenyl)sulfonyl]amino]-2-methoxy- (9CI)
MF C14 H11 Br F N O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

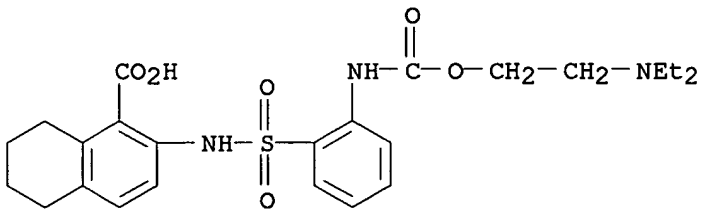
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Pyrrolidinecarboxylic acid, 2-[2-[[2-[[[(8S)-1-carboxy-5,6,7,8-tetrahydro-8-methyl-2-naphthalenyl]amino]sulfonyl]phenyl]amino]ethyl]-, 1-(1,1-dimethylethyl) ester, (2S)- (9CI)
MF C29 H39 N3 O6 S

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

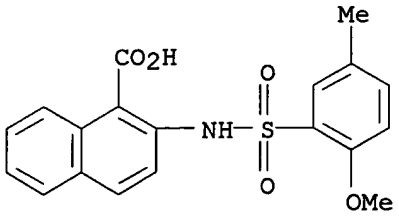
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[[2-[[[2-(diethylamino)ethoxy]carbonyl]amino]phenyl]sulfonyl]amino]-5,6,7,8-tetrahydro- (9CI)
MF C24 H31 N3 O6 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

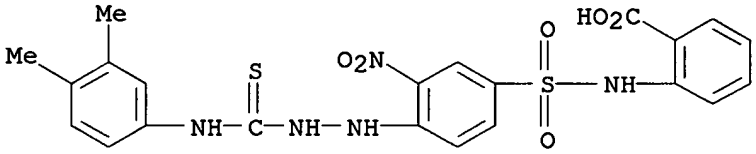
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[(2-methoxy-5-

methylphenyl)sulfonyl]amino]- (9CI)
MF C19 H17 N O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

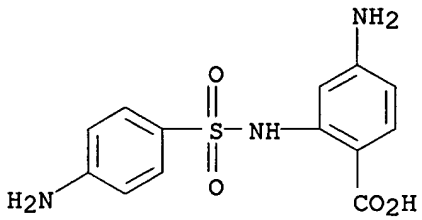
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 2-[[[4-[2-[[(3,4-dimethylphenyl)amino]thioxomethyl]hydrazino]-3-nitrophenyl]sulfonyl]amino]- (9CI)
MF C22 H21 N5 O6 S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

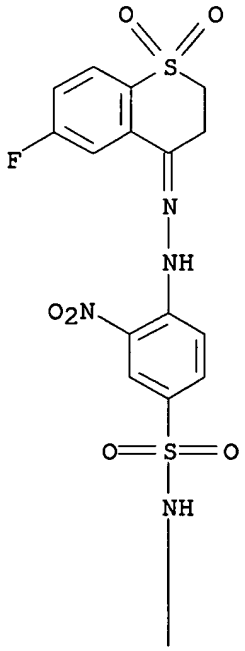
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 4-amino-2-sulfanilamido- (5CI)
MF C13 H13 N3 O4 S



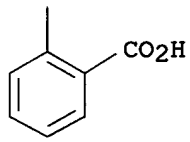
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 2-[[[4-[(6-fluoro-2,3-dihydro-1,1-dioxido-4H-1-benzothiopyran-4-ylidene)hydrazino]-3-nitrophenyl]sulfonyl]amino]- (9CI)
MF C22 H17 F N4 O8 S2

PAGE 1-A



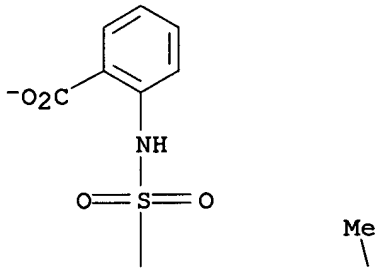
PAGE 2-A



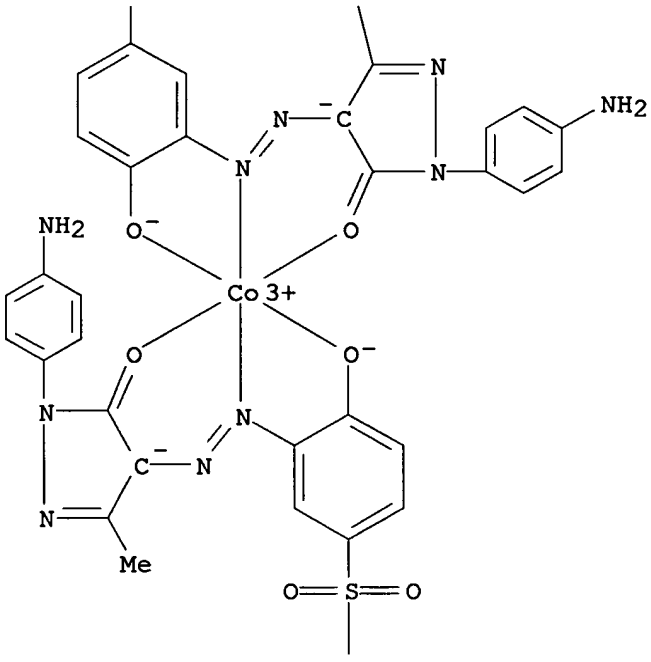
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

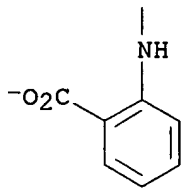
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Cobaltate(3-), bis[2-[[[3-[[1-(4-aminophenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl]azo]-4-hydroxyphenyl]sulfonyl]amino]benzoato(3-)]- (9CI)
MF C46 H34 Co N12 O12 S2
CI CCS, COM

PAGE 1-A



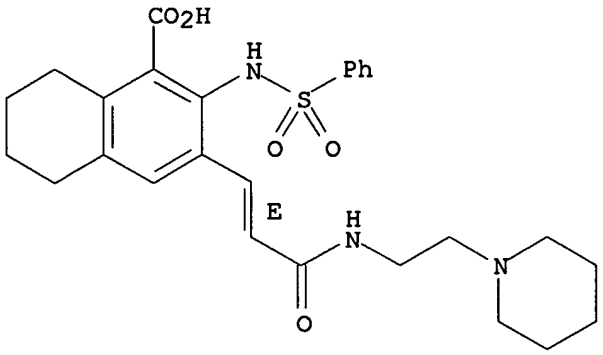
PAGE 2-A





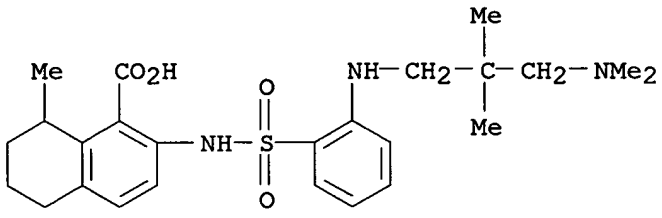
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 5,6,7,8-tetrahydro-3-[(1E)-3-oxo-3-[[2-(1-piperidinyl)ethyl]amino]-1-propenyl]-2-[(phenylsulfonyl)amino]- (9CI)
MF C27 H33 N3 O5 S

Double bond geometry as shown.



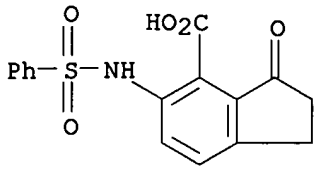
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[[2-[[3-(dimethylamino)-2,2-dimethylpropyl]amino]phenyl]sulfonyl]amino]-5,6,7,8-tetrahydro-8-methyl- (9CI)
MF C25 H35 N3 O4 S



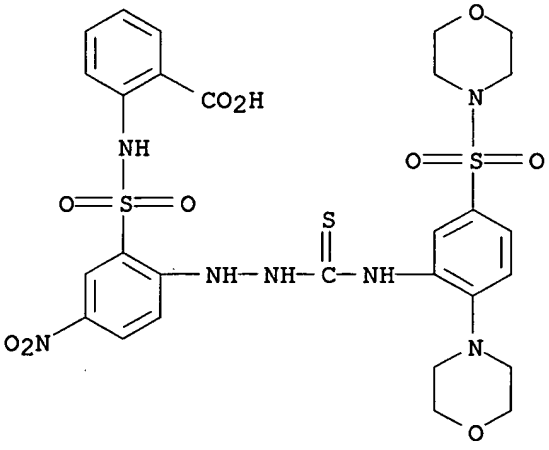
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1H-Indene-4-carboxylic acid, 2,3-dihydro-3-oxo-5-[(phenylsulfonyl)amino]- (9CI)
MF C16 H13 N O5 S



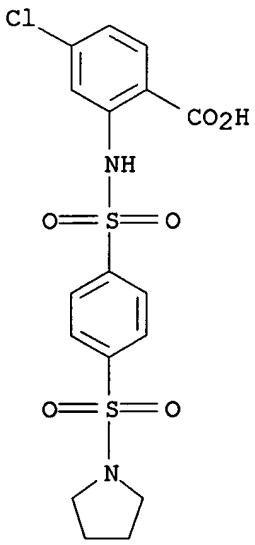
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 2-[[[2-[2-[[[2-(4-morpholinyl)-5-(4-morpholinylsulfonyl)phenyl]amino]thioxomethyl]hydrazino]-5-nitrophenyl]sulfonyl]amino]- (9CI)
MF C28 H31 N7 O10 S3



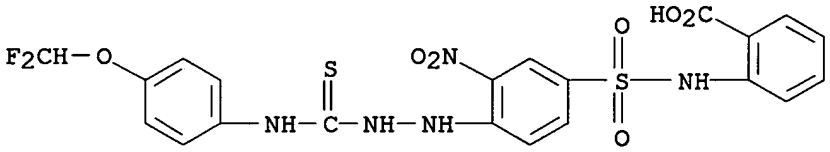
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 4-chloro-2-[[[4-(1-pyrrolidinylsulfonyl)phenyl]sulfonyl]amino]- (9CI)
MF C17 H17 Cl N2 O6 S2



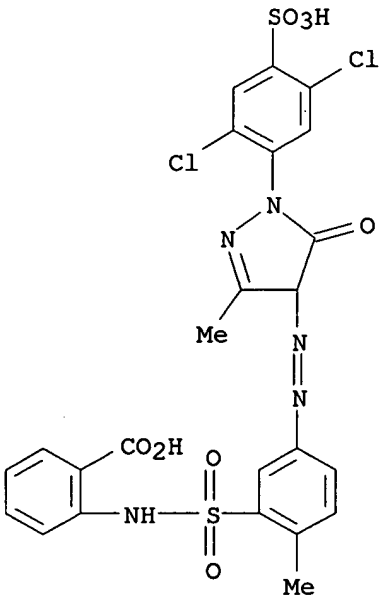
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 2-[[[4-[2-[[[4-(difluoromethoxy)phenyl]amino]thioxomethyl]hydrazino]-3-nitrophenyl]sulfonyl]amino]- (9CI)
MF C21 H17 F2 N5 O7 S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

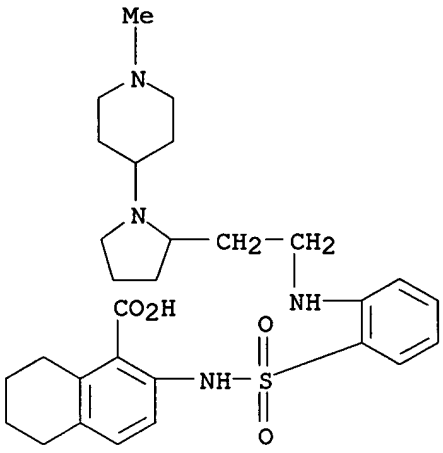
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 2-[[[5-[[1-(2,5-dichloro-4-sulfophenyl)-4,5-dihydro-3-methyl-5-oxo-1H-pyrazol-4-yl]azo]-2-methylphenyl]sulfonyl]amino]- (9CI)
MF C24 H19 Cl2 N5 O8 S2
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

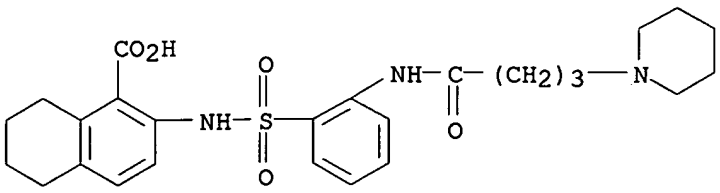
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 5,6,7,8-tetrahydro-2-[[[2-[[2-[1-(1-methyl-4-piperidinyl)-2-pyrrolidinyl]ethyl]amino]phenyl]sulfonyl]amino]- (9CI)
MF C29 H40 N4 O4 S



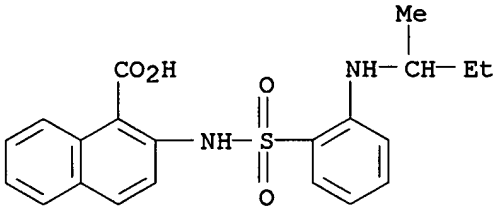
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 5,6,7,8-tetrahydro-2-[[[2-[[1-oxo-4-(1-piperidinyl)butyl]amino]phenyl]sulfonyl]amino]- (9CI)
MF C26 H33 N3 O5 S



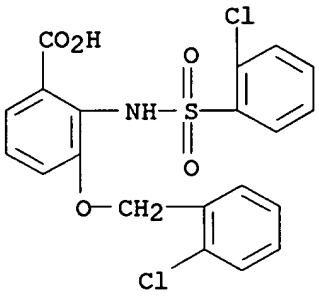
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[[2-[(1-methylpropyl)amino]phenyl]sulfonyl]amino]- (9CI)
MF C21 H22 N2 O4 S



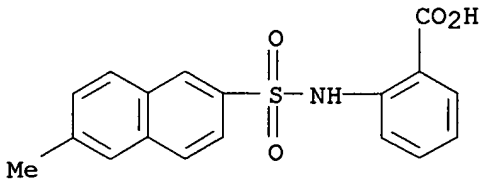
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 3-[(2-chlorophenyl)methoxy]-2-[[(2-chlorophenyl)sulfonyl]amino]- (9CI)
MF C20 H15 Cl2 N O5 S



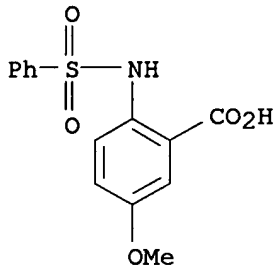
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 2-[[(6-methyl-2-naphthalenyl)sulfonyl]amino]- (9CI)
MF C18 H15 N O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 5-methoxy-2-[(phenylsulfonyl)amino]- (9CI)
MF C14 H13 N O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Cobaltate(3-), bis[2-[[[3-[[1-[[(cyclohexylmethyl)amino]carbonyl]-2-oxopropyl]azo]-4-hydroxyphenyl]sulfonyl]amino]benzoato(3-)]- (9CI)
MF C48 H50 Co N8 O14 S2
CI CCS, COM

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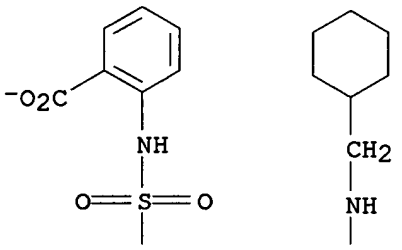

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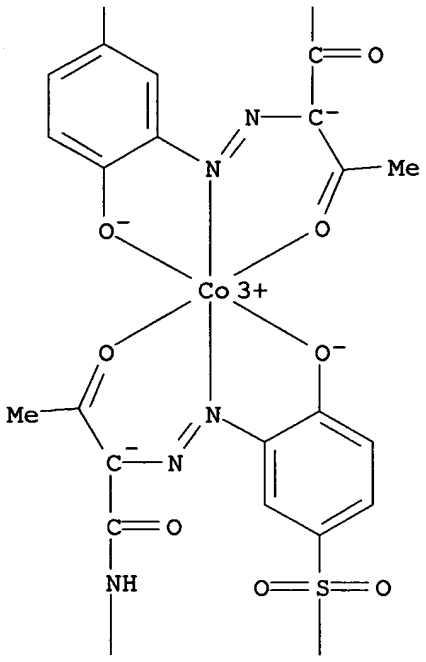
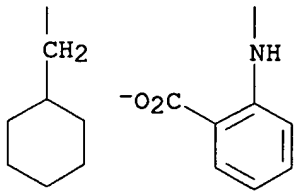
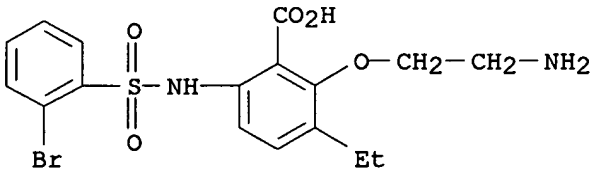


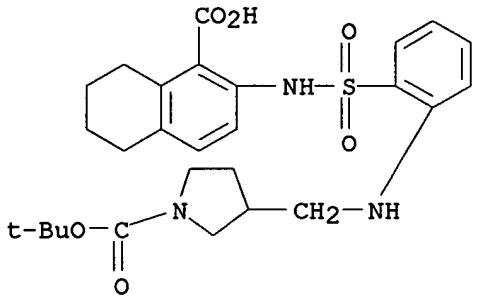


L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 2-(2-aminoethoxy)-6-[[(2-bromophenyl)sulfonyl]amino]-3-ethyl- (9CI)
MF C17 H19 Br N2 O5 S



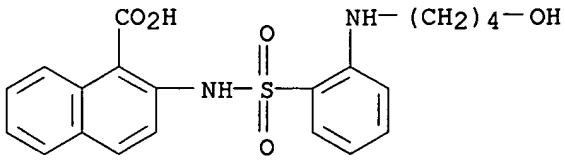
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Pyrrolidinecarboxylic acid, 3-[[[2-[[(1-carboxy-5,6,7,8-tetrahydro-2-naphthalenyl)amino]sulfonyl]phenyl]amino]methyl]-, 1-(1,1-dimethylethyl) ester (9CI)
MF C27 H35 N3 O6 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

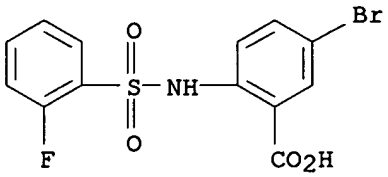
L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[[2-[(4-hydroxybutyl)amino]phenyl]sulfonyl]amino]- (9CI)
MF C21 H22 N2 O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

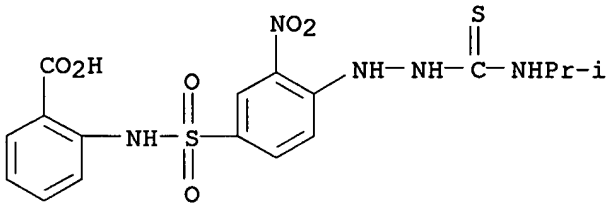
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 5-bromo-2-[[(2-fluorophenyl)sulfonyl]amino]- (9CI)
MF C13 H9 Br F N O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 2-[[[4-[2-[[(1-methylethyl)amino]thioxomethyl]hydrazino]-3-nitrophenyl]sulfonyl]amino]- (9CI)
MF C17 H19 N5 O6 S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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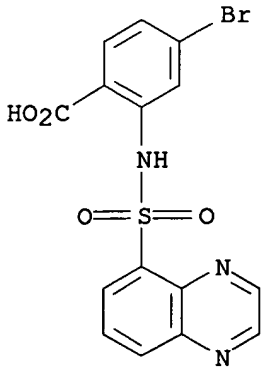
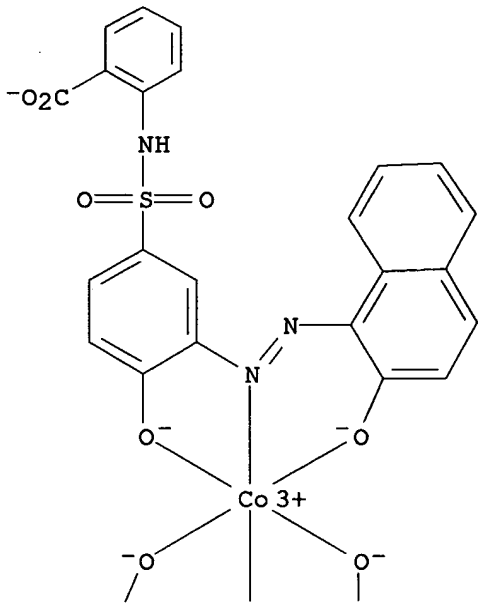
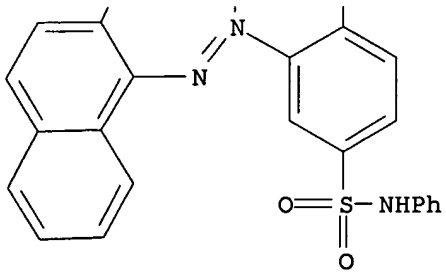
MF C15 H10 Br N3 O4 S



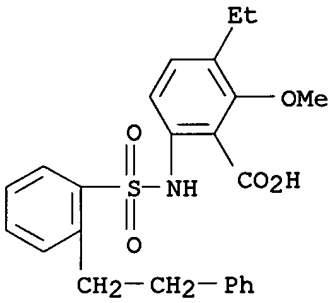
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Cobaltate(2-), [4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]-N-phenylbenzenesulfonamidato(2-)][2-[[[4-hydroxy-3-[(2-hydroxy-1-naphthalenyl)azo]phenyl]sulfonyl]amino]benzoato(3-)]- (9CI)
MF C45 H29 Co N6 O10 S2
CI CCS, COM



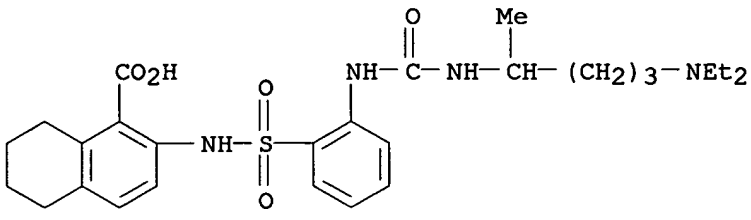


L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 3-ethyl-2-methoxy-6-[[[2-(2-phenylethyl)phenyl]sulfonyl]amino]- (9CI)
MF C24 H25 N O5 S



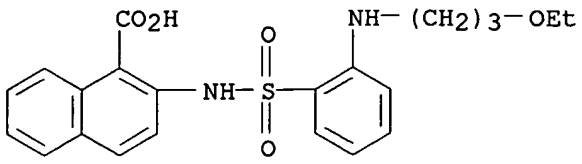
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[[2-[[[[4-(diethylamino)-1-methylbutyl]amino]carbonyl]amino]phenyl]sulfonyl]amino]-5,6,7,8-tetrahydro- (9CI)
MF C27 H38 N4 O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[[2-[(3-ethoxypropyl)amino]phenyl]sulfonyl]amino]- (9CI)
MF C22 H24 N2 O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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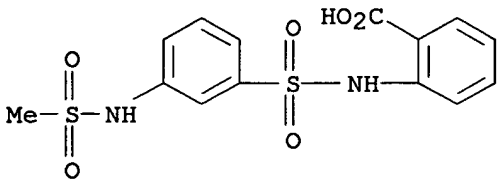
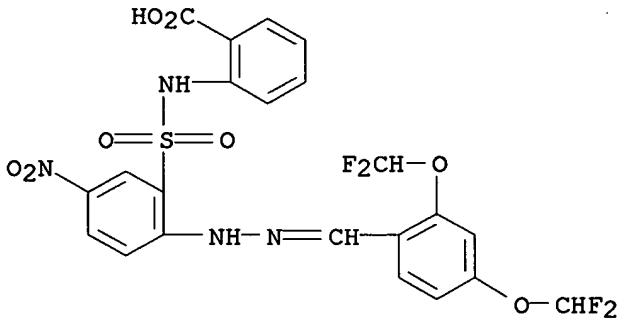
IN Benzoic acid, 2-[[[3-[(methylsulfonyl)amino]phenyl]sulfonyl]amino]- (9CI)
MF C14 H14 N2 O6 S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L6 50 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 2-[[[2-[[[2,4-bis(difluoromethoxy)phenyl]methylene]hydrazino
]-5-nitrophenyl]sulfonyl]amino]- (9CI)
MF C22 H16 F4 N4 O8 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

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L7 0 SEA EXA SAM L5

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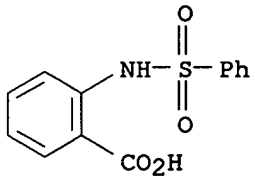
100.0% PROCESSED 116 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L8 1 SEA EXA FUL L5

=> d 18

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 34837-67-7 REGISTRY
ED Entered STN: 16 Nov 1984
CN Benzoic acid, 2-[(phenylsulfonyl)amino]- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Anthranilic acid, N-(phenylsulfonyl)- (6CI, 7CI)
OTHER NAMES:
CN 2-(Benzenesulfonamido)benzoic acid
CN 2-(Phenylsulfonylamino)benzoic acid
CN N-(o-Carboxyphenyl)benzenesulfonamide
FS 3D CONCORD
MF C13 H11 N O4 S
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, GMELIN*, RTECS*, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)



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31 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
31 REFERENCES IN FILE CAPLUS (1907 TO DATE)
4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	59.76	156.52

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-3.00

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FILE COVERS 1907 - 13 Jun 2006 VOL 144 ISS 25
FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

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They are available for your review at:

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       3481134 PREP/RL
L9           7 L8/PREP
                 (L8 (L) PREP/RL)

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L9   ANSWER 3 OF 7  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Preparation of sulfonamidoaryl hydroxamic acids as inflammation and tumor
     inhibitors
AN   1994:54333  CAPLUS
DN   120:54333
TI   Preparation of sulfonamidoaryl hydroxamic acids as inflammation and tumor
     inhibitors
IN   Ohtani, Mitsuaki; Arita, Hitoshi; Sugita, Kenji; Matsuura, Takaharu;
     Shirahase, Kazuhiro
PA   Shionogi and Co., Ltd., Japan
SO   PCT Int. Appl., 125 pp.
     CODEN: PIXXD2
DT   Patent
LA   Japanese
FAN.CNT 1
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         RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
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     EP 570594            A1     19931124    EP 1992-924883          19921207
     EP 570594            B1     19970730
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, PT, SE
                                            JP 1991-350793      A   19911210
                                            WO 1992-JP1593      W   19921207
     AT 156116            E      19970815    AT 1992-924883          19921207
                                            JP 1991-350793      A   19911210
     ES 2107557           T3     19971201    ES 1992-924883          19921207
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     JP 3342485           B2     20021111    JP 1993-510775          19921207
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				WO 1992-JP1593	W 19921207
	US 5534654	A	19960709	US 1993-98272	19930803
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OS MARPAT 120:54333
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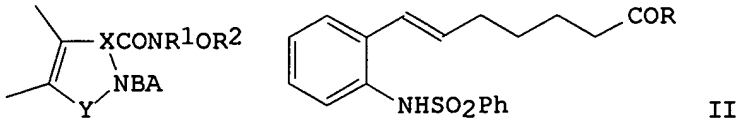
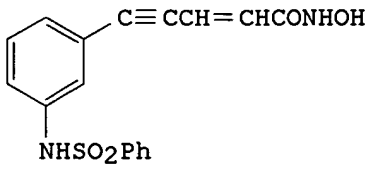


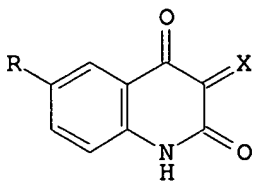
II



III

AB The title compds. R2ONR1COXA1YNR3BA2 (I) [A1 = (substituted) aromatic ring, aromatic heterocyclic ring; A2 = H, (substituted) aryl, aromatic heterocyclic ring; B = single bond, B1B2; B1 = CO, SO2; B2 = alkylene, alkenylene, etc.; X = (substituted) alkylene which may have O, S, N and may have unsatd. bond; Y = single bond, heteroatom, (substituted) alkylene which may contain heteroatom and may have unsatd. bond; X and N (which is linked to Y) may together form a moiety Q; R1 - R3 = H, (substituted) alkyl, aryl] were prepared I inhibit hemangioendothelial cell growth, the development of a lymphocyte adhesion factor, and ras gene-induced cell transformation and are useful as inflammation and tumor inhibitors. Condensation of carboxylic acid (E)-II (R = OH) with NH2OH.HCl in DMF containing N-hydroxysuccinimide, N,N-dicyclohexylcarbodiimide, and Et3n gave (E)-II (R = NHOH). Hydroxamic acid (E)-III in vitro exhibited MIC of 0.039 μM against ras gene-induced cell transformation.

L9 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
TI Synthesis of certain sulfonamides and aminopyranoquinoline derivatives from 4-hydroxyquinoline with biological interest
AN 1992:173980 CAPLUS
DN 116:173980
TI Synthesis of certain sulfonamides and aminopyranoquinoline derivatives from 4-hydroxyquinoline with biological interest
AU Fadda, A. A.; Khalil, A. M.; El-Habbal, M. M.
CS Fac. Sci., Mansoura Univ., Mansoura, Egypt
SO Pharmazie (1991), 46(10), 743-4
CODEN: PHARAT; ISSN: 0031-7144
DT Journal
LA English
GI



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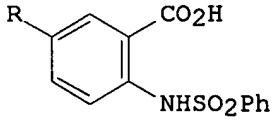
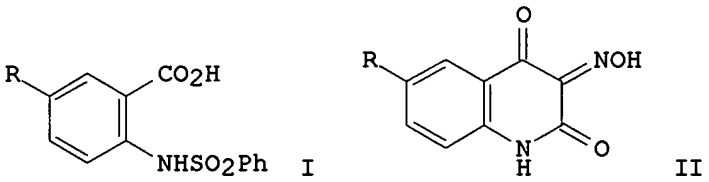
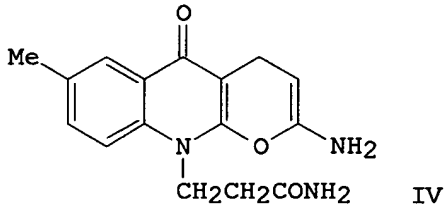


II

AB Quinolinediones I (R = H, Me, Br, Cl, X = H2) reacted with NaNO2/HCl to give I (X = NOH) which condensed with PhSO2Cl to give (phenylsulfonylamino)benzoic acids II. II were tested for bactericidal activity and had very promising results.

L9 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
TI Synthesis of certain sulfonamides and aminopyranoquinoline derivatives from 4-hydroxyquinoline with biological interest
AN 1992:151524 CAPLUS
DN 116:151524
TI Synthesis of certain sulfonamides and aminopyranoquinoline derivatives from 4-hydroxyquinoline with biological interest
AU Fadda, A. A.; Khalil, A. M.; El-Habbal, M. M.
CS Fac. Sci., Mansoura Univ., Mansoura, Egypt
SO Journal of the Indian Chemical Society (1991), 68(7), 393-5
CODEN: JICSAH; ISSN: 0019-4522
DT Journal
LA English
OS CASREACT 116:151524
GI





AB Various sulfonamides derivs. I (R = H, Me, Br, Cl) were synthesized by ring opening of 4-hydroxyquinoline monoximes II. I were screened for their antibacterial activity. The reactivity of 6-methyl-4-hydroxyquinoline-2,4-dione (III) towards different activated nitriles has been studied. E.g. III and H2C:CHCN gave pyranoquinoline IV.

L9 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
TI Phenolic cyan couplers
AN 1985:70111 CAPLUS
DN 102:70111
TI Phenolic cyan couplers
PA Konishiroku Photo Industry Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 12 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 59162547	A2	19840913	JP 1983-37140	19830307
	JP 04046420	B4	19920729		

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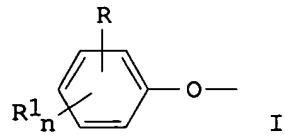

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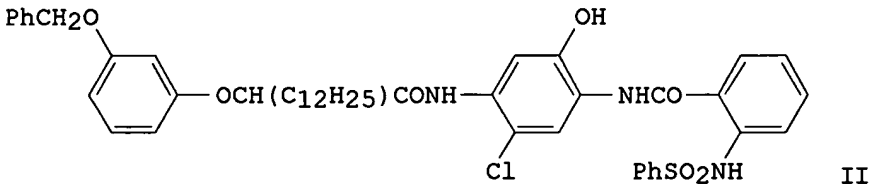

II

AB 2-(2-Sulfonamidobenzamido)-5-acylaminophenol derivative type photog. cyan couplers are claimed in which ≥1 of the sulfonamido, benzamido, and the acylamino groups are substituted with ≥1 group having a phenoxy group of the formula I (R = alkoxy, acyloxy, halo, OH; R1 = halo, monovalent organic moiety; n = 0-4). The couplers give cyan dye images having excellent lightfastness. Thus, a photog. paper prepared by using the cyan coupler II showed good sensitivity and gave cyan dye images having a high Dmax and an absorption maximum at 652 nm.

L9 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
TI Nitrosophenols and their rearrangement products. VII. Opening of the pyridine ring in hydroxyquinoline series compounds
AN 1972:24862 CAPLUS
DN 76:24862
TI Nitrosophenols and their rearrangement products. VII. Opening of the pyridine ring in hydroxyquinoline series compounds
AU Kost, A. N.; Zukauskaite, L.; Stankevicius, A.
CS Kaunas, Med. Inst., Kaunas, USSR
SO Khimiya Geterotsiklicheskikh Soedinenii (1971), 7(9), 1214-17
CODEN: KGSSAQ; ISSN: 0132-6244
DT Journal
LA Russian
GI For diagram(s), see printed CA Issue.
AB Treatment of I, II, and III with excess of benzenesulfonyl chloride in boiling acetone containing 10% aqueous NaOH gave IV. V was found in the reaction mixture from the rearrangement of I (main component) and II. I, II, and III were prepared by nitrosation of 4 hydroxycarbostyryl (VI), 1-methyl-4-hydroxycarbostyryl (VII), and 1-phenyl-4-hydroxycarbostyryl (VIII), resp. VI was prepared by heating a mixture of aniline, malonic acid POCl3, and naphthalene. VII and VIII were prepared from N-methylanthranilic and N-phenylanthranilic acids, resp. Nitrosation of 2-methyl-4-hydroxyquinoline (prepared from aniline and acetoacetic ester), 4-methylcarbostyryl (prepared by acid cyclization of acetoacetanilide), and 3-hydroxy-2-p-bromophenylquinoline (prepared from isatin and acetic acid p-bromophenacyl ester) was also examined but only substrates or resinous products were obtained.

=> d l9 1,2 ti fbib abs

L9 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of anthranilic acid amides as antiarrhythmics
AN 2002:849582 CAPLUS

DN 137:352782
TI Preparation of anthranilic acid amides as antiarrhythmics
IN Brendel, Joachim; Pirard, Bernard; Peukert, Stefan; Kleemann, Heinz-Werner; Hemmerle, Horst
PA Aventis Pharma Deutschland GmbH, Germany
SO PCT Int. Appl., 111 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002088073	A1	20021107	WO 2002-EP4138	20020413
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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				WO 2002-EP4138	W 20020413
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				WO 2002-EP4138	W 20020413
	BR 2002009185	A	20040803	BR 2002-9185	20020413
				DE 2001-10121003	A 20010428
				WO 2002-EP4138	W 20020413
	CN 1522244	A	20040818	CN 2002-808273	20020413
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	JP 2004527557	T2	20040909	JP 2002-585377	20020413
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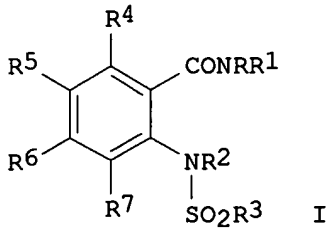
OS MARPAT 137:352782
GI



I

AB Title compds. [I; R = H, C1-4 alkyl, CpH2pR14, etc.; p = 0-5; R14 = cycloalkyl(substituted) (hetero)aryl; R1 = (branched) (unsatd.) (substituted) O-interrupted alkyl; R2 = H, C1-4 alkyl; R3 = C3-7 alkyl, C3-7 cycloalkyl, (substituted) naphthyl, Ph; R4-R7 = F, Cl, Br, I, CF3, OCF3, OCHF2, NO2, cyano, CO2Me, CONH2, COMe, OH, C1-4 alkyl, C1-4 alkoxy, N(Me)2, SO2NH2, NHSO2Me], were prepared Thus, 0.6 mmol 2-phenylsulfonylamino-5-chlorobenzoyl chloride (preparation given) was added to a mixture of 0.66 mmol S-(-)-1-methylbenzylamine and 0.9 mmol Et3N in CH2Cl2 followed by stirring over night at room temperature to give 61 mg (S)-2-phenylsulfonylamino-5-chloro-N-(1-phenylethyl)benzamide. I act upon the Kv1.5 potassium channel and inhibit a potassium flow described as ultra-rapidly activating delayed rectifier in the human cardiac atrium. Tested I inhibited human Kv1.5 potassium flow in oocytes of Xenopus laevis with IC50 = 0.3->10 μM. β -Blockers and IKs-channel blockers can be used for the tablet formulation.
RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
TI Direct conversion of azides to carbamates and sulfonamides using Fe/NH4Cl: effect of sonication
AN 2000:805844 CAPLUS
DN 134:71142
TI Direct conversion of azides to carbamates and sulfonamides using Fe/NH4Cl: effect of sonication
AU Chandrasekhar, S.; Narsihmulu, Ch.
CS Indian Institute of Chemical Technology, Hyderabad, 500 007, India
SO Tetrahedron Letters (2000), 41(41), 7969-7972
CODEN: TELEAY; ISSN: 0040-4039
PB Elsevier Science Ltd.
DT Journal
LA English
OS CASREACT 134:71142
AB A simple, direct and effective conversion of azides to carbamates and sulfonamides is achieved using Fe/NH4Cl in MeOH. The influence of ultrasonication and direct application in solution-phase combinatorial chemical are also studied by developing a 6+4 matrix library.
RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	30.33	186.85
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-5.25	-8.25

SESSION WILL BE HELD FOR 60 MINUTES

```
STN INTERNATIONAL SESSION SUSPENDED AT 06:12:05 ON 13 JUN 2006

Connecting via Winsock to STN



Welcome to STN International!  Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
 * * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 06:26:43 ON 13 JUN 2006
FILE 'CAPLUS' ENTERED AT 06:26:43 ON 13 JUN 2006
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                      30.33     186.85

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                         ENTRY    SESSION
CA SUBSCRIBER PRICE                                      -5.25      -8.25

=> d his

     (FILE 'HOME' ENTERED AT 05:49:44 ON 13 JUN 2006)

     FILE 'REGISTRY' ENTERED AT 05:49:52 ON 13 JUN 2006
L1                STRUCTURE UPLOADED
L2              0 SEARCH L1 EXACT SAM
L3              1 SEARCH L1 EXACT FULL

     FILE 'CAPLUS' ENTERED AT 05:50:39 ON 13 JUN 2006
L4              4 L3

     FILE 'REGISTRY' ENTERED AT 05:57:56 ON 13 JUN 2006
L5                STRUCTURE UPLOADED
L6             50 SEARCH L5 SSS SAM
L7              0 SEARCH L5 EXACT SAM
L8              1 SEARCH L5 EXACT FULL

     FILE 'CAPLUS' ENTERED AT 06:00:21 ON 13 JUN 2006
L9              7 L8/PREP

=> l8/thu
             31 L8
         783838 THU/RL
L10           1 L8/THU
                  (L8 (L) THU/RL)

=> d l10

L10  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2006 ACS on STN
AN   1974:499428  CAPLUS
DN   81:99428
TI   Antiinflammatory activity of p-substituted N-benzenesulfonyl derivatives
     of anthranilic acid
AU   Borne, Ronald F.; Peden, Richard L.; Waters, I. W.; Weiner, Myra; Jordan,
     Robert; Coats, Eugene A.
CS   Sch. Pharm., Univ. Mississippi, University, MS, USA
SO   Journal of Pharmaceutical Sciences (1974), 63(4), 615-17
```

CODEN: JPMSAE; ISSN: 0022-3549
DT Journal
LA English

=> file reg
COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION
FULL ESTIMATED COST | 35.72 | 192.24

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION
CA SUBSCRIBER PRICE | -5.25 | -8.25

FILE 'REGISTRY' ENTERED AT 06:29:41 ON 13 JUN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0
DICTIONARY FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

****
* *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
* *
****

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> logoff hold
COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION
FULL ESTIMATED COST | 0.44 | 192.68

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION
CA SUBSCRIBER PRICE | 0.00 | -8.25

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 06:29:49 ON 13 JUN 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

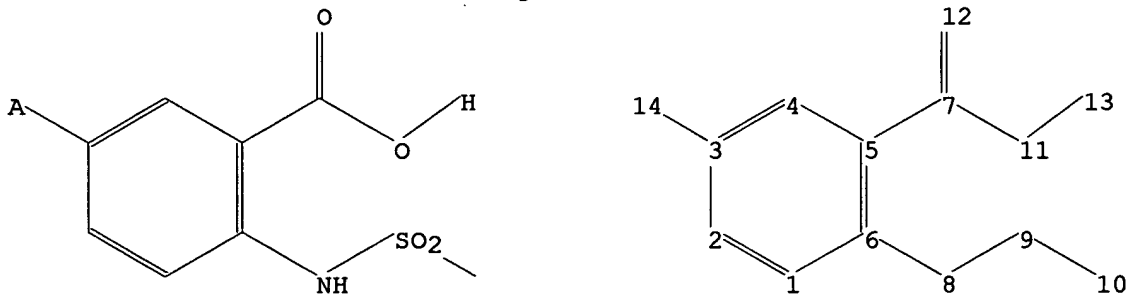
LOGINID:SSSPTA1623PAZ

PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 06:51:05 ON 13 JUN 2006
FILE 'REGISTRY' ENTERED AT 06:51:05 ON 13 JUN 2006

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.44	192.68

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-8.25

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary files\10667358\10667358 clm 3 try 1.str

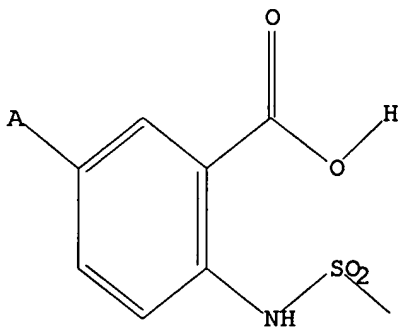


chain nodes :
7 8 9 10 11 12 13 14
ring nodes :
1 2 3 4 5 6
chain bonds :
3-14 5-7 6-8 7-11 7-12 8-9 9-10 11-13
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
3-14 6-8 8-9
exact bonds :
5-7 9-10 11-13
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-11 7-12

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:Atom 11:CLASS 12:CLASS 13:CLASS 14:CLASS

L11 STRUCTURE UPLOADED

=> d l11
L11 HAS NO ANSWERS
L11 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l11 sss sam
SAMPLE SEARCH INITIATED 06:51:52 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 179 TO ITERATE

100.0% PROCESSED 179 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

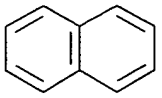
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2778 TO 4382
PROJECTED ANSWERS: 1 TO 80

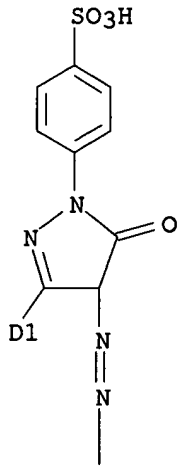
L12 1 SEA SSS SAM L11

=> d scan

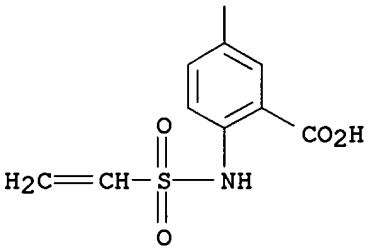
L12 1 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Anthranilic acid, 5-[[3-(naphthyl)-5-oxo-1-(p-sulfophenyl)-2-pyrazolin-4-yl]azo]-N-(vinylsulfonyl)- (7CI)
MF C28 H21 N5 O8 S2
CI IDS

PAGE 1-A





PAGE 2-A



ALL ANSWERS HAVE BEEN SCANNED

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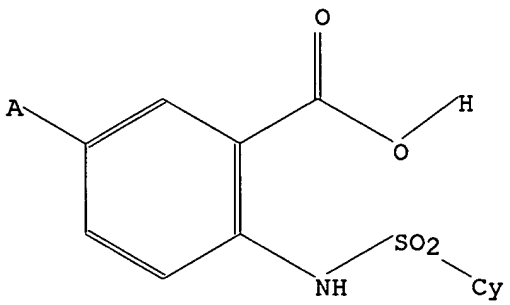
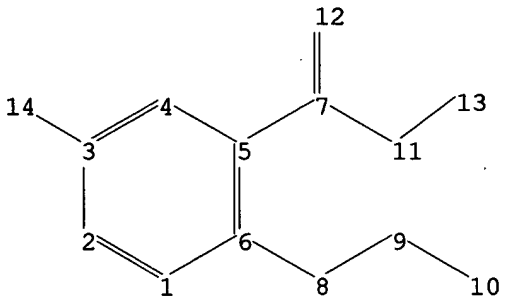




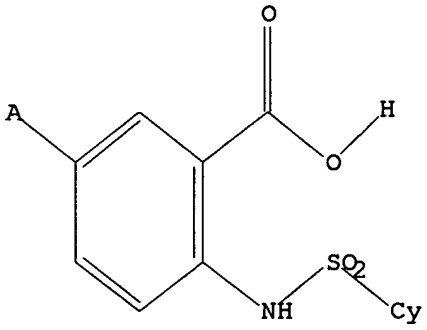
chain nodes :
7 8 9 10 11 12 13 14

ring nodes :
1 2 3 4 5 6
chain bonds :
3-14 5-7 6-8 7-11 7-12 8-9 9-10 11-13
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
3-14 6-8 8-9 9-10
exact bonds :
5-7 11-13
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-11 7-12

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS

L13 STRUCTURE UPLOADED

=> d l13
L13 HAS NO ANSWERS
L13 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l13 sss sam
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SAMPLE SCREEN SEARCH COMPLETED - 182 TO ITERATE

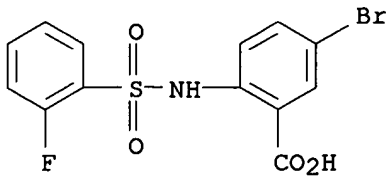
100.0% PROCESSED 182 ITERATIONS 10 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2831 TO 4449
PROJECTED ANSWERS: 11 TO 389

L14 10 SEA SSS SAM L13

=> d scan

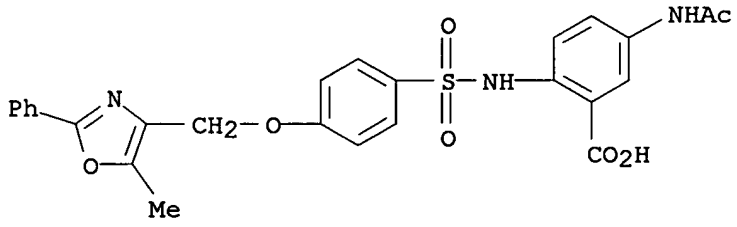
L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 5-bromo-2-[[(2-fluorophenyl)sulfonyl]amino]- (9CI)
MF C13 H9 Br F N O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

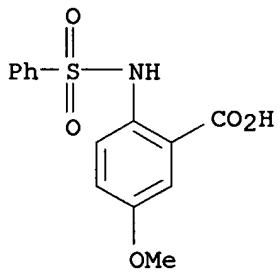
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 5-(acetylamino)-2-[[[4-[(5-methyl-2-phenyl-4-oxazolyl)methoxy]phenyl]sulfonyl]amino]- (9CI)
MF C26 H23 N3 O7 S



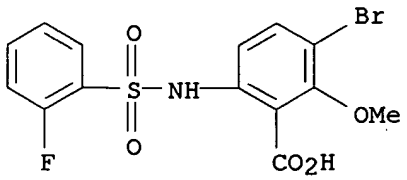
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 5-methoxy-2-[(phenylsulfonyl)amino]- (9CI)
MF C14 H13 N O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 3-bromo-6-[[(2-fluorophenyl)sulfonyl]amino]-2-methoxy- (9CI)
MF C14 H11 Br F N O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
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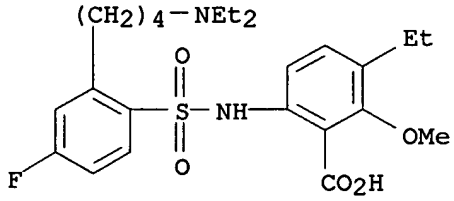
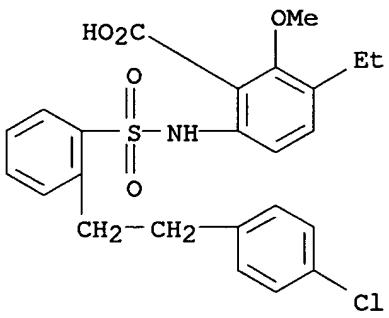
MF C24 H33 F N2 O5 S



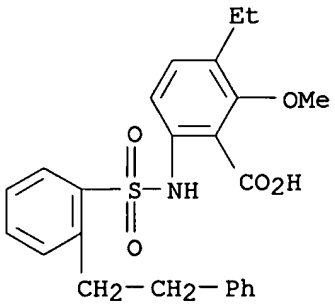
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 6-[[[2-[2-(4-chlorophenyl)ethyl]phenyl]sulfonyl]amino]-3-ethyl-2-methoxy- (9CI)
MF C24 H24 Cl N O5 S



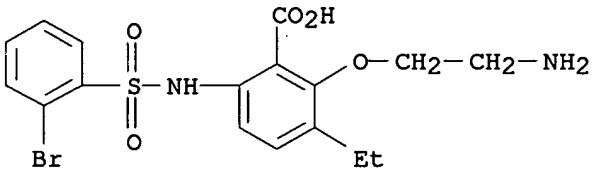
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 3-ethyl-2-methoxy-6-[[[2-(2-phenylethyl)phenyl]sulfonyl]amino]- (9CI)
MF C24 H25 N O5 S



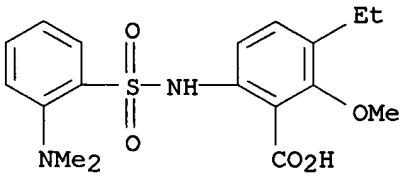
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 2-(2-aminoethoxy)-6-[[(2-bromophenyl)sulfonyl]amino]-3-ethyl- (9CI)
MF C17 H19 Br N2 O5 S



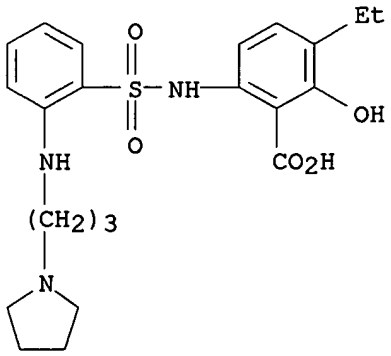
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 6-[[[2-(dimethylamino)phenyl]sulfonyl]amino]-3-ethyl-2-methoxy- (9CI)
MF C18 H22 N2 O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L14 10 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzoic acid, 3-ethyl-2-hydroxy-6-[[[2-[[3-(1-pyrrolidinyl)propyl]amino]phenyl]sulfonyl]amino]- (9CI)
MF C22 H29 N3 O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.96	196.20

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-8.25

FILE 'CAPLUS' ENTERED AT 06:56:21 ON 13 JUN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 13 Jun 2006 VOL 144 ISS 25
FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> l14
L15 6 L14

=> d l15 4-6 ti fbib abs

L15 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamides having antiangiogenic and anticancer activity
AN 2004:652631 CAPLUS

DN 141:173970
TI Preparation of sulfonamides having antiangiogenic and anticancer activity
IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.; Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chang Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve D.; Kolaczkowski, Lawrence; Mantei, Robert A.; Park, David C.; Sanders, William J.; Tedrow, Jason S.; Wang, Gary T.
PA USA
SO U.S. Pat. Appl. Publ., 129 pp., Cont.-in-part of U.S. Ser. No. 267,081.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004157836	A1	20040812	US 2003-667358	20030923
				US 2002-267081 A2	20021008
	US 2004068012	A1	20040408	US 2002-267081	20021008
	CA 2501520	AA	20040422	CA 2003-2501520	20031006
				US 2002-267081 A	20021008
				US 2003-667358 A	20030923
				WO 2003-US31671 W	20031006
	WO 2004033419	A1	20040422	WO 2003-US31671	20031006
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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				US 2003-667358 A	20030923
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PATENT FAMILY INFORMATION:
FAN 2004:293400

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PI	US 2004068012	A1	20040408	US 2002-267081	20021008
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			US 2002-267081	A 20021008
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			WO 2003-US31671	W 20031006

FAN 2004:333690

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US 2004157836	A1	20040812	US 2003-667358	20030923
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EP 1549613	A1	20050706	EP 2003-773182	20031006

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OS MARPAT 141:173970

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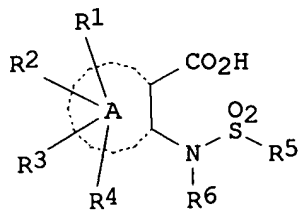

I

AB The title compds. [I; A = 5-6 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S (wherein the ring is optionally fused to a second 5-7 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S); R1-R3 = H, alkenyl, alkoxy, etc.; R4 = H, alkyl, alkoxy, etc.; R5 = alkyl, NH2, aminoalkyl, aryl, etc.; R6 = H, alkyl, aryl, etc.; provided that when A = Ph, at least one of R1-R4 is other than H, alkyl, halo] having methionine aminopeptidase-2 inhibitory (MetAP2) activity, were prepared E.g., a multi-step synthesis of 5-ethyl-2-[(phenylsulfonyl)amino]benzoic acid, starting from 4-ethylaniline, was given. Representative compds. I had IC50's between about 0.005 μM and >100 μM against MetAP2. Also described are pharmaceutical compns. comprising the compds. I, methods of treatment using the compds. I, methods of inhibiting angiogenesis, and methods of treating cancer.

L15 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamides having antiangiogenic and anticancer activity
AN 2004:333690 CAPLUS
DN 140:357061
TI Preparation of sulfonamides having antiangiogenic and anticancer activity
IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.; Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chan Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve D.; Kolaczkowsi, Lawrence; Mantei, Robert A.; Park, David C.; Sanders, William J.; Tedrow, Jason S.; Wang, Gary T.
PA Abbott Laboratories, USA
SO PCT Int. Appl., 309 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

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PI	WO 2004033419	A1	20040422	WO 2003-US31671	20031006
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PATENT FAMILY INFORMATION:

FAN 2004:293400

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US 2003-667358 A 20030923
WO 2003-US31671 W 20031006

OS MARPAT 140:357061
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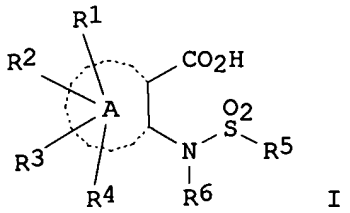

I

AB The title compds. [I; A = 5-6 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S (wherein the ring is optionally fused to a second 5-7 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S); R1-R3 = H, alkenyl, alkoxy, etc.; R4 = H, alkyl, alkoxy, etc.; R5 = alkyl, NH2, aminoalkyl, aryl, etc.; R6 = H, alkyl, aryl, etc.; provided that when A = Ph, at least one of R1-R4 is other than H, alkyl, halo] having methionine aminopeptidase-2 inhibitory (MetAP2) activity, were prepared E.g., a multi-step synthesis of 5-ethyl-2-[(phenylsulfonyl)amino]benzoic acid, starting from 4-ethylaniline, was given. Representative compds. I had IC50's between about 0.005 μM and >100 μM against MetAP2. Also described are pharmaceutical compns. comprising the compds. I, methods of treatment using the compds. I, methods of inhibiting angiogenesis, and methods of treating cancer.
RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of biaryl phosphate transport inhibitors
AN 2003:551386 CAPLUS
DN 139:117209
TI Preparation of biaryl phosphate transport inhibitors
IN Jozefiak, Thomas H.; Bastos, Cecilia M.; Papoulis, Andrew T.; Holmes-Farley, Stephen Randall
PA Genzyme Corporation, USA
SO PCT Int. Appl., 135 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

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PI WO 2003057225	A2	20030717	WO 2002-US41481	20021224
WO 2003057225	A3	20040408		

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US 2001-344660P P 20011226

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OS MARPAT 139:117209

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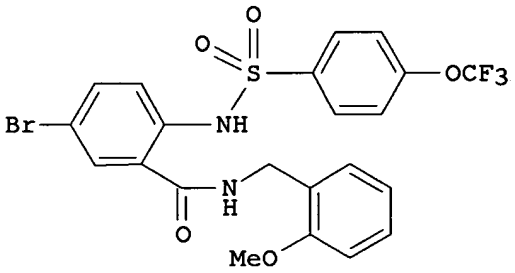

II

AB Disclosed are compds. Ar1-W-X-Y-Ar2 [Ar1-2 = (un)substituted aryl group or 5-6 membered non-aromatic group fused to a (un)substituted monocyclic aryl group; W, Y = covalent bond, alkylene; X = SO2, SO2-alkyl, SO2-amino, etc; I] which are inhibitors of phosphate transport. For instance, 5-bromo-2-[[(4-trifluoromethoxyphenyl)sulfonyl]amino]benzoic acid (preparation given) is converted to the acid chloride (SOCl2, reflux) and used to acylate 2-methoxybenzyl amine (THF) to give II. Example compds. inhibit phosphate transport in rabbit intestinal brush border membrane vesicles; a select group of example compds. has IC50 = 0-50 μM. I are used to treat a disease associated with hyperphosphatemia, as well as a disease mediated by phosphate-transport function.

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	26.82	223.02

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.25	-10.50

SESSION WILL BE HELD FOR 60 MINUTES

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PASSWORD:
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NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS 4	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS 5	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS 6	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS 7	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS 8	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 9	MAR 22	EMBASE is now updated on a daily basis
NEWS 10	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 11	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS 12	APR 04	STN AnaVist $500 visualization usage credit offered
NEWS 13	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 14	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS 15	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected
NEWS 16	MAY 10	CA/CAplus enhanced with 1900-1906 U.S. patent records
NEWS 17	MAY 11	KOREAPAT updates resume
NEWS 18	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS 19	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAplus and USPATFULL/USPAT2
NEWS 20	MAY 30	The F-Term thesaurus is now available in CA/CAplus
NEWS 21	JUN 02	The first reclassification of IPC codes now complete in INPADOC

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT http://download.cas.org/express/v8.0-Discover/

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available after June 2006

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FILE 'HOME' ENTERED AT 10:15:14 ON 13 JUN 2006

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=>  reg
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Some commands only work in certain files.  For example, the EXPAND
command can only be used to look at the index in a file which has an
index.  Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.21       0.21

FILE 'REGISTRY' ENTERED AT 10:15:24 ON 13 JUN 2006
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DICTIONARY FILE UPDATES:  12 JUN 2006  HIGHEST RN 887497-01-0

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*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                    *
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Structure search iteration limits have been increased.  See HELP SLIMITS
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predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

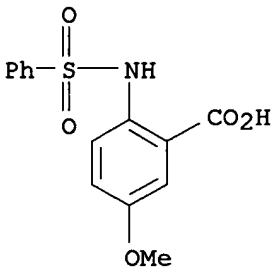
=> e Benzoic acid, 5-methoxy-2-((phenylsulfonyl)amino)-/cn
E1            1     BENZOIC ACID, 5-METHOXY-2-((PHENYLACETYL)AMINO)-4-((TETRAHYD
                    RO-2H-PYRAN-2-YL)OXY)-, METHYL ESTER/CN
E2            1     BENZOIC ACID, 5-METHOXY-2-((PHENYLMETHYL)AMINO)-/CN
E3            1 --> BENZOIC ACID, 5-METHOXY-2-((PHENYLSULFONYL)AMINO)-/CN
E4            1     BENZOIC ACID, 5-METHOXY-2-((PIPERIDINOCARBONYL)METHOXY)-, ME
                    THYL ESTER/CN
E5            1     BENZOIC ACID, 5-METHOXY-2-((TETRAHYDRO-2-OXO-3-FURANYL)AMINO
                    )-/CN
E6            1     BENZOIC ACID, 5-METHOXY-2-((TETRAHYDRO-2-OXO-3-FURANYL)OXY)-
                    /CN
E7            1     BENZOIC ACID, 5-METHOXY-2-((TRIFLUOROACETYL)AMINO)-, METHYL-
                    D3 ESTER/CN
```

```
E8              1     BENZOIC ACID, 5-METHOXY-2-((TRIMETHYLSILYL)ETHYNYL)-, METHYL
                       ESTER/CN
E9              1     BENZOIC ACID, 5-METHOXY-2-((TRIMETHYLSILYL)OXY)-, TRIMETHYLS
                      ILYL ESTER/CN
E10             1     BENZOIC ACID, 5-METHOXY-2-(1,3,5-TRIMETHYL-1H-PYRAZOL-4-YL)-
                      /CN
E11             1     BENZOIC ACID, 5-METHOXY-2-(1-(1-NAPHTHALENYL)ETHYL)-/CN
E12             1     BENZOIC ACID, 5-METHOXY-2-(1-METHYLETHOXY)-/CN

=> e3
L1              1 "BENZOIC ACID, 5-METHOXY-2-((PHENYLSULFONYL)AMINO)-"/CN

=> d l1

L1   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2006 ACS on STN
RN   795316-00-6  REGISTRY
ED   Entered STN:  09 Dec 2004
CN   Benzoic acid, 5-methoxy-2-[(phenylsulfonyl)amino]- (9CI)  (CA
     INDEX NAME)
FS   3D CONCORD
MF   C14 H13 N O5 S
SR   CA
LC   STN Files:   CA, CAPLUS, CASREACT
```




```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

               1 REFERENCES IN FILE CA (1907 TO DATE)
               1 REFERENCES IN FILE CAPLUS (1907 TO DATE)


=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       7.10       7.31

FILE 'CAPLUS' ENTERED AT 10:16:17 ON 13 JUN 2006
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```

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FILE COVERS 1907 - 13 Jun 2006 VOL 144 ISS 25
FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> l1
L2 1 L1

=> d l2 ti fbib abs

L2 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
TI Microwave-induced rapid access to aromatic and heteroaromatic sulfonamides under solvent-free conditions without using external base
AN 2004:822303 CAPLUS
DN 141:424011
TI Microwave-induced rapid access to aromatic and heteroaromatic sulfonamides under solvent-free conditions without using external base
AU Sharma, Ashwani Kumar; Das, Saibal Kumar
CS Discovery Chemistry, Discovery Research, Dr. Reddy's Laboratories Ltd., Hyderabad, 500049, India
SO Synthetic Communications (2004), 34(20), 3807-3819
CODEN: SYNCAV; ISSN: 0039-7911
PB Taylor & Francis, Inc.
DT Journal
LA English
OS CASREACT 141:424011
AB Microwave-induced syntheses of sulfonamides, without using base under solvent-free conditions, were developed. The process finds its utility because of its simple operational procedure and high yields. Moreover, the process is fast and accommodative to different substituents on aromatic as well as heteroarom. rings rendering sulfonamides (28 examples).
RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.66	10.97

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:17:13 ON 13 JUN 2006

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *

SESSION RESUMED IN FILE 'CAPLUS' AT 10:24:44 ON 13 JUN 2006
FILE 'CAPLUS' ENTERED AT 10:24:44 ON 13 JUN 2006

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.66	10.97

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.66	10.97

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

FILE 'REGISTRY' ENTERED AT 10:24:54 ON 13 JUN 2006

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0
DICTIONARY FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

```
**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                    *
**********************************************************************
```

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

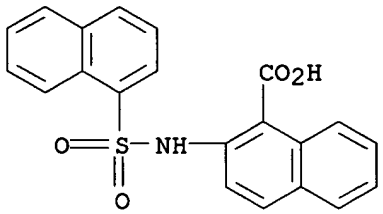
```
=> e 1-Naphthalenecarboxylic acid, 2-((1-naphthalenylsulfonyl)amino)-/cn
E1            1     1-NAPHTHALENECARBOXYLIC ACID, 2-((1-METHYLETHYL)PHENYLAMINO)
                    -2-OXOETHYL ESTER/CN
E2            1     1-NAPHTHALENECARBOXYLIC ACID, 2-((1-NAPHTHALENYLCARBONYL)AMI
                    NO)PHENYL ESTER/CN
```

```
E3          1 --> 1-NAPHTHALENECARBOXYLIC ACID, 2-((1-NAPHTHALENYLSULFONYL)AMI
                  NO)-/CN
E4          1     1-NAPHTHALENECARBOXYLIC ACID, 2-((1-OXO-2-PROPENYL)OXY)-/CN
E5          1     1-NAPHTHALENECARBOXYLIC ACID, 2-((1-OXO-2-PROPENYL)OXY)-, PO
                  LYMER WITH 2-PROPENOIC ACID/CN
E6          1     1-NAPHTHALENECARBOXYLIC ACID, 2-((1-OXO-2-PROPENYL)OXY)ETHYL
                   ESTER/CN
E7          1     1-NAPHTHALENECARBOXYLIC ACID, 2-((1-OXO-2-PROPENYL)OXY)ETHYL
                   ESTER, POLYMER WITH 2-(2-CHLOROPHENYL)-1-(METHYLTHIO)-4-OXO
                  -3-AZETIDINYL 2-PROPENOATE AND ETHYL 2-PROPENOATE/CN
E8          1     1-NAPHTHALENECARBOXYLIC ACID, 2-((1-OXO-2-PROPENYL)OXY)ETHYL
                   ESTER, POLYMER WITH ETHYL 2-PROPENOATE/CN
E9          1     1-NAPHTHALENECARBOXYLIC ACID, 2-((1-OXOOCTYL)OXY)-1-(((1-OXO
                  OCTYL)OXY)METHYL)ETHYL ESTER/CN
E10         1     1-NAPHTHALENECARBOXYLIC ACID, 2-((1-OXOPROPYL)AMINO)PHENYL E
                  STER/CN
E11         1     1-NAPHTHALENECARBOXYLIC ACID, 2-((1E,4S,5E)-4-(((1,1-DIMETHY
                  LETHYL)DIMETHYLSILYL)OXY)-6-((1S,4R,6S)-3-((((1,1-DIMETHYLET
                  HYL)DIPHENYLSILYL)OXY)METHYL)-6-HYDROXY-6-(METHOXYCARBONYL)-
                  4-METHYL-2-CYCLOHEXE/CN
E12         2     1-NAPHTHALENECARBOXYLIC ACID, 2-((1E,4S,5E)-4-(((1,1-DIMETHY
                  LETHYL)DIMETHYLSILYL)OXY)-6-((5S,6S,9R)-8-((((1,1-DIMETHYLET
                  HYL)DIPHENYLSILYL)OXY)METHYL)-4-HYDROXY-9-METHYL-2-OXO-1-OXA
                  SPIRO(4.5)DECA-3,7-D/CN

=> e3
L3          1 "1-NAPHTHALENECARBOXYLIC ACID, 2-((1-NAPHTHALENYLSULFONYL)AMINO)
                -"/CN

=> d l3

L3   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2006 ACS on STN
RN   677290-82-3  REGISTRY
ED   Entered STN:  28 Apr 2004
CN   1-Naphthalenecarboxylic acid, 2-[(1-naphthalenylsulfonyl)amino]-
     (9CI)  (CA INDEX NAME)
OTHER NAMES:
CN   2-[(1-Naphthylsulfonyl)amino]-1-naphthoic acid
MF   C21 H15 N O4 S
SR   CA
LC   STN Files:   CA, CAPLUS, TOXCENTER, USPATFULL
```




```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

              4 REFERENCES IN FILE CA (1907 TO DATE)
              4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
```

```
FULL ESTIMATED COST                                    7.10      18.07

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)       SINCE FILE      TOTAL
                                                      ENTRY    SESSION
CA SUBSCRIBER PRICE                                    0.00      -0.75

FILE 'CAPLUS' ENTERED AT 10:25:26 ON 13 JUN 2006
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FILE COVERS 1907 - 13 Jun 2006  VOL 144 ISS 25
FILE LAST UPDATED: 12 Jun 2006  (20060612/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

=> l3
L4            4 L3

=> d l4 1-4 ti

L4   ANSWER 1 OF 4  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Preparation of sulfonamides having antiangiogenic and anticancer activity

L4   ANSWER 2 OF 4  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Preparation of sulfonamides having antiangiogenic and anticancer activity

L4   ANSWER 3 OF 4  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Preparation of sulfonamides having antiangiogenic and anticancer activity

L4   ANSWER 4 OF 4  CAPLUS  COPYRIGHT 2006 ACS on STN
TI   Sulfonamides having antiangiogenic and anticancer activity


=> file reg
COST IN U.S. DOLLARS                             SINCE FILE      TOTAL
                                                      ENTRY    SESSION
FULL ESTIMATED COST                                    1.78      19.85

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)       SINCE FILE      TOTAL
                                                      ENTRY    SESSION
CA SUBSCRIBER PRICE                                    0.00      -0.75

FILE 'REGISTRY' ENTERED AT 10:25:58 ON 13 JUN 2006
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```

provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0
DICTIONARY FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

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conducting SmartSELECT searches.

```
**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                    *
**********************************************************************
```

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

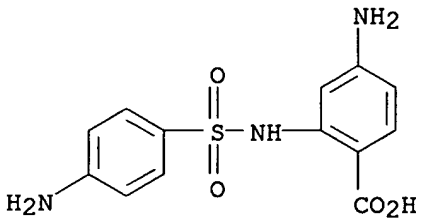
http://www.cas.org/ONLINE/UG/regprops.html

```
=> e Benzoic acid, 4-amino-2-sulfanilamido-/cn
E1            1     BENZOIC ACID, 4-AMINO-2-SULFAMOYL-, SEC-BUTYL ESTER/CN
E2            1     BENZOIC ACID, 4-AMINO-2-SULFAMOYL-, TERT-BUTYL ESTER/CN
E3            1 --> BENZOIC ACID, 4-AMINO-2-SULFANILAMIDO-/CN
E4            1     BENZOIC ACID, 4-AMINO-2-SULFO-/CN
E5            1     BENZOIC ACID, 4-AMINO-2-SULFO-, 1-ISOPROPYL ESTER, HYDRAZIDE
                    /CN
E6            1     BENZOIC ACID, 4-AMINO-2-SULFO-, DISODIUM SALT/CN
E7            1     BENZOIC ACID, 4-AMINO-2-SULFO-, POLYMERS/CN
E8            1     BENZOIC ACID, 4-AMINO-3,5-BIS(1,1-DIMETHYLETHYL)-, ETHYL EST
                    ER, ION(1-)/CN
E9            1     BENZOIC ACID, 4-AMINO-3,5-BIS(1-METHYLETHYL)-, METHYL ESTER/
                    CN
E10           1     BENZOIC ACID, 4-AMINO-3,5-BIS(CHLOROMERCURI)-, ETHYL ESTER/C
                    N
E11           1     BENZOIC ACID, 4-AMINO-3,5-BIS(PROPYLTHIO)-/CN
E12           1     BENZOIC ACID, 4-AMINO-3,5-BIS(TRIFLUOROMETHYL)-/CN

=> e3
L5            1 "BENZOIC ACID, 4-AMINO-2-SULFANILAMIDO-"/CN

=> d l5

L5   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2006 ACS on STN
RN   860694-75-3  REGISTRY
ED   Entered STN:  18 Aug 2005
CN   Benzoic acid, 4-amino-2-sulfanilamido- (5CI)  (CA INDEX NAME)
FS   3D CONCORD
MF   C13 H13 N3 O4 S
SR   CAS EARLY REGISTRATIONS
LC   STN Files:   CA, CAPLUS
```



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.10	26.95

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.75

FILE 'CAPLUS' ENTERED AT 10:26:41 ON 13 JUN 2006
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FILE COVERS 1907 - 13 Jun 2006 VOL 144 ISS 25
FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
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=> l5
L6 1 L5

=> d l6

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
AN 1953:48325 CAPLUS
DN 47:48325
OREF 47:8174b-c
TI Derivatives of p-aminobenzoic acid and their action on the growth of bacteria
AU Sirks, J. L.

CS Univ. Groningen, Neth.
SO Antonie van Leeuwenhoek (1953), 19, 166-70
CODEN: ALJMAO; ISSN: 0003-6072
DT Journal
LA English

=> d l6 ti fbib abs

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
TI Derivatives of p-aminobenzoic acid and their action on the growth of bacteria
AN 1953:48325 CAPLUS
DN 47:48325
OREF 47:8174b-c
TI Derivatives of p-aminobenzoic acid and their action on the growth of bacteria
AU Sirks, J. L.
CS Univ. Groningen, Neth.
SO Antonie van Leeuwenhoek (1953), 19, 166-70
CODEN: ALJMAO; ISSN: 0003-6072
DT Journal
LA English
AB cf. C.A. 42, 3026f. Various derivs. of p-aminobenzoic acid (I) were examined for their action on the growth of Aerobacter aerogenes in a simple synthetic medium and of pneumococci in ascites broth without peptone. The 2-amino, 3-amino, 3-chloro, 3-bromo, 2-methyl, 3-methyl, and 2,3-dimethyl derivs., and also 2-sulfanilamido-4-aminobenzoic acid have sulfonamide (II) activity. The 2-hydroxy, 2-fluoro, and 2-nitro derivs. have weak I activity. The 3-hydroxy, 2-chloro, and 2-bromo derivs. show II activity in high concentration and anti-II activity in lower concns. The 3-nitro, 2,6-dimethyl, and 3,5-dimethyl derivs. and methyl 2-acetamino-4-aminobenzoate are inactive.

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.64	33.59

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-1.50

FILE 'REGISTRY' ENTERED AT 10:30:25 ON 13 JUN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0
DICTIONARY FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

****

```
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                    *
**********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

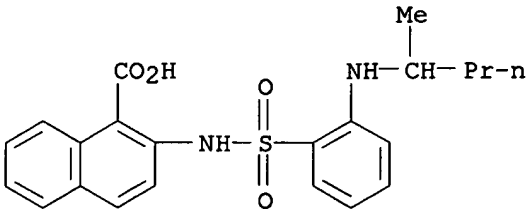
=> e 1-Naphthalenecarboxylic acid, 2-(((2-((1-methylpropyl)amino)phenyl])sulfony
l)amino)-/cn
E1            1      1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1-ETHYLPROPYL)AMINO)P
                     HENYL)SULFONYL)AMINO)-/CN
E2            1      1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1-METHYLBUTYL)AMINO)P
                     HENYL)SULFONYL)AMINO)-/CN
E3            0 --> 1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1-METHYLPROPYL)AMINO)
                     PHENYL )SULFONY L)AMINO)-/CN
E4            1      1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1-METHYLPROPYL)AMINO)
                     PHENYL)SULFONYL)AMINO)-/CN
E5            1      1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1E)-3-(DIETHYLAMINO)-
                     1-PROPENYL)PHENYL)SULFONYL)AMINO)-5,6,7,8-TETRAHYDRO-/CN
E6            1      1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1E)-3-(DIETHYLAMINO)-
                     1-PROPENYL)PHENYL)SULFONYL)AMINO)-5,6,7,8-TETRAHYDRO-, METHY
                     L ESTER/CN
E7            1      1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1E)-4-(DIETHYLAMINO)-
                     1-BUTENYL)PHENYL)SULFONYL)AMINO)-5,6,7,8-TETRAHYDRO-/CN
E8            1      1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1E)-4-(DIETHYLAMINO)-
                     1-BUTENYL)PHENYL)SULFONYL)AMINO)-5,6,7,8-TETRAHYDRO-, METHYL
                      ESTER/CN
E9            1      1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1E)-5-(DIETHYLAMINO)-
                     1-PENTENYL)PHENYL)SULFONYL)AMINO)-5,6,7,8-TETRAHYDRO-/CN
E10           1      1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1E)-5-(DIETHYLAMINO)-
                     1-PENTENYL)PHENYL)SULFONYL)AMINO)-5,6,7,8-TETRAHYDRO-, METHY
                     L ESTER/CN
E11           1      1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1Z)-3-(DIETHYLAMINO)-
                     1-PROPENYL)PHENYL)SULFONYL)AMINO)-5,6,7,8-TETRAHYDRO-/CN
E12           1      1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1Z)-3-(DIETHYLAMINO)-
                     1-PROPENYL)PHENYL)SULFONYL)AMINO)-5,6,7,8-TETRAHYDRO-, METHY
                     L ESTER/CN

=> e2
L7            1 "1-NAPHTHALENECARBOXYLIC ACID, 2-(((2-((1-METHYLBUTYL)AMINO)PHEN
                YL)SULFONYL)AMINO)-"/CN

=> d l7

L7   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2006 ACS on STN
RN   681241-61-2  REGISTRY
ED   Entered STN:  12 May 2004
CN   1-Naphthalenecarboxylic acid, 2-[[[2-[(1-
     methylbutyl)amino]phenyl]sulfonyl]amino]- (9CI)  (CA INDEX NAME)
OTHER NAMES:
CN   2-([[2-[(1-Methylbutyl)amino]phenyl]sulfonyl]amino)-1-naphthoic acid
MF   C22 H24 N2 O4 S
```

SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.54	41.13

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.50

FILE 'CAPLUS' ENTERED AT 10:31:22 ON 13 JUN 2006
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FILE COVERS 1907 - 13 Jun 2006 VOL 144 ISS 25
FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

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=> l7
L8 3 L7

=> d l8 1-3

L8 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:701804 CAPLUS
DN 141:173972
TI Preparation of sulfonamides having antiangiogenic and anticancer activity
IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.;

Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chang Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve D.; Kolaczkowski, Lawrence; Mantei, Robert A.; Park, David C.; Sanders, William J.; Tedrow, Jason S.; Wang, Gary T.
PA USA
SO U.S. Pat. Appl. Publ., 127 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2004167128	A1	20040826	US 2003-681784	20031008
PRAI US 2002-416793P	P	20021008		

OS MARPAT 141:173972

L8 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:652631 CAPLUS
DN 141:173970
TI Preparation of sulfonamides having antiangiogenic and anticancer activity
IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.; Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chang Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve D.; Kolaczkowski, Lawrence; Mantei, Robert A.; Park, David C.; Sanders, William J.; Tedrow, Jason S.; Wang, Gary T.
PA USA
SO U.S. Pat. Appl. Publ., 129 pp., Cont.-in-part of U.S. Ser. No. 267,081.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2004157836	A1	20040812	US 2003-667358	20030923
US 2004068012	A1	20040408	US 2002-267081	20021008
CA 2501520	AA	20040422	CA 2003-2501520	20031006
WO 2004033419	A1	20040422	WO 2003-US31671	20031006
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003279857	A1	20040504	AU 2003-279857	20031006
EP 1549613	A1	20050706	EP 2003-773182	20031006
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRAI US 2002-267081	A2	20021008		
US 2003-667358	A	20030923		
WO 2003-US31671	W	20031006		

OS MARPAT 141:173970

L8 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:333690 CAPLUS
DN 140:357061
TI Preparation of sulfonamides having antiangiogenic and anticancer activity
IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.; Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chan Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve

D.; Kolaczkowsi, Lawrence; Mantei, Robert A.; Park, David C.; Sanders, William J.; Tedrow, Jason S.; Wang, Gary T.
PA Abbott Laboratories, USA
SO PCT Int. Appl., 309 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004033419	A1	20040422	WO 2003-US31671	20031006
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004068012	A1	20040408	US 2002-267081	20021008
US 2004157836	A1	20040812	US 2003-667358	20030923
CA 2501520	AA	20040422	CA 2003-2501520	20031006
AU 2003279857	A1	20040504	AU 2003-279857	20031006
EP 1549613	A1	20050706	EP 2003-773182	20031006
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRAI US 2002-267081	A	20021008		
US 2003-667358	A	20030923		
WO 2003-US31671	W	20031006		

OS MARPAT 140:357061
RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.88	45.01

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.50

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STRUCTURE FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0
DICTIONARY FILE UPDATES: 12 JUN 2006 HIGHEST RN 887497-01-0

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

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**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                    *
**********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=> e Benzoic acid, 6-(((2-(dimethylamino)phenyl)sulfonyl)amino)-3-ethyl-2-
methoxy-/cn
E1            1      BENZOIC ACID, 6-(((2-(6-ACETYL-1,3-BENZODIOXOL-5-YL)ETHYL)AM
                     INO)CARBONYL)-2,3-DIMETHOXY-, ETHYL ESTER/CN
E2            1      BENZOIC ACID, 6-(((2-(6-FORMYL-1,3-BENZODIOXOL-5-YL)ETHYL)AM
                     INO)CARBONYL)-2,3-DIMETHOXY-, ETHYL ESTER/CN
E3            0 --> BENZOIC ACID, 6-(((2-(DIMETHYLAMINO)PHENYL)SULFONYL)AMINO)-3
                     -ETHYL-2-     METHOXY-/CN
E4            1      BENZOIC ACID, 6-(((2-(DIMETHYLAMINO)PHENYL)SULFONYL)AMINO)-3
                     -ETHYL-2-METHOXY-/CN
E5            1      BENZOIC ACID, 6-(((2-BROMO-4-FLUOROPHENYL)SULFONYL)AMINO)-2-
                     (2-(1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)ETHOXY)-3-ETHYL-,
                      METHYL ESTER/CN
E6            1      BENZOIC ACID, 6-(((2-BROMO-4-FLUOROPHENYL)SULFONYL)AMINO)-2-
                     (3-(1,3-DIHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)PROPOXY)-3-ETHYL-
                     , METHYL ESTER/CN
E7            1      BENZOIC ACID, 6-(((2-BROMO-4-FLUOROPHENYL)SULFONYL)AMINO)-3-
                     ETHYL-2-METHOXY-, METHYL ESTER/CN
E8            1      BENZOIC ACID, 6-(((2-BROMOBENZOYL)HYDRAZONO)METHYL)-2,3-DIME
                     THOXY-/CN
E9            1      BENZOIC ACID, 6-(((2-BROMOPHENYL)SULFONYL)AMINO)-2-(2-(1,3-D
                     IHYDRO-1,3-DIOXO-2H-ISOINDOL-2-YL)ETHOXY)-3-ETHYL-, METHYL E
                     STER/CN
E10           1      BENZOIC ACID, 6-(((2-BROMOPHENYL)SULFONYL)AMINO)-3-ETHYL-2-M
                     ETHOXY-, METHYL ESTER/CN
E11           1      BENZOIC ACID, 6-(((2-CARBOXYPHENYL)AMINO)METHYL)-2,3-DIMETHO
                     XY-, 1-METHYL ESTER/CN
E12           1      BENZOIC ACID, 6-(((2-CARBOXYPHENYL)METHYL)AMINO)-2,3-DIMETHO
                     XY-/CN

=> e4
L9            1 "BENZOIC ACID, 6-(((2-(DIMETHYLAMINO)PHENYL)SULFONYL)AMINO)-3-ET
                HYL-2-METHOXY-"/CN

=> d l9

L9   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2006 ACS on STN
RN   681244-89-3  REGISTRY
ED   Entered STN:  12 May 2004
CN   Benzoic acid, 6-[[[2-(dimethylamino)phenyl]sulfonyl]amino]-3-ethyl-2-
     methoxy- (9CI)  (CA INDEX NAME)
OTHER NAMES:
CN   6-([[2-(Dimethylamino)phenyl]sulfonyl]amino)-3-ethyl-2-methoxybenzoic acid
FS   3D CONCORD
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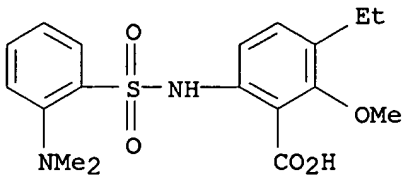
MF C18 H22 N2 O5 S
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	7.10	52.11

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.50

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FILE COVERS 1907 - 13 Jun 2006 VOL 144 ISS 25
FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

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=> l9
L10 3 L9

=> d l10 1-3 ti

L10 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamides having antiangiogenic and anticancer activity

L10 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamides having antiangiogenic and anticancer activity

L10 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamides having antiangiogenic and anticancer activity

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.45	53.56

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.50

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:33:15 ON 13 JUN 2006

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LOGINID:SSSPTA1623PAZ

PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 10:54:58 ON 13 JUN 2006
FILE 'CAPLUS' ENTERED AT 10:54:58 ON 13 JUN 2006
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.45	53.56

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.50

=> d l6 1 ti fbib abs it

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
TI Derivatives of p-aminobenzoic acid and their action on the growth of bacteria
AN 1953:48325 CAPLUS
DN 47:48325
OREF 47:8174b-c
TI Derivatives of p-aminobenzoic acid and their action on the growth of bacteria
AU Sirks, J. L.
CS Univ. Groningen, Neth.
SO Antonie van Leeuwenhoek (1953), 19, 166-70
CODEN: ALJMAO; ISSN: 0003-6072
DT Journal
LA English
AB cf. C.A. 42, 3026f. Various derivs. of p-aminobenzoic acid (I) were examined for their action on the growth of Aerobacter aerogenes in a simple synthetic medium and of pneumococci in ascites broth without peptone. The 2-amino, 3-amino, 3-chloro, 3-bromo, 2-methyl, 3-methyl, and 2,3-dimethyl derivs., and also 2-sulfanilamido-4-aminobenzoic acid have sulfonamide (II) activity. The 2-hydroxy, 2-fluoro, and 2-nitro derivs. have weak I activity. The 3-hydroxy, 2-chloro, and 2-bromo derivs. show II activity

in high concentration and anti-II activity in lower concns. The 3-nitro, 2,6-dimethyl, and 3,5-dimethyl derivs. and methyl 2-acetamino-4-aminobenzoate are inactive.

IT Aerobacter aerogenes
(4-aminobenzoic acid derivative effect on)

IT Bacteria
(effect of p-aminobenzoic acid derivs. on)

IT Pneumococcus
(p-aminobenzoic acid derivative effect on)

IT 150-13-0, Benzoic acid, p-amino-
(derivs., effect on bacterial growth)

IT 446-31-1, Benzoic acid, 4-amino-2-fluoro- 610-36-6, Benzoic acid, 4-amino-2-nitro- 611-03-0, Benzoic acid, 2,4-diamino- 619-05-6, Benzoic acid, 3,4-diamino- 1588-83-6, Benzoic acid, 4-amino-3-nitro- 2122-63-6, Benzoic acid, 4-amino-3-iodo- 2374-03-0, Benzoic acid, 4-amino-3-hydroxy- 2457-76-3, Benzoic acid, 4-amino-2-chloro- 2486-52-4, Benzoic acid, 4-amino-2-bromo- 2486-70-6, m-Toluic acid, 4-amino- 2486-71-7, Benzoic acid, 4-amino-3-chloro- 2486-75-1, o-Toluic acid, 4-amino- 4919-40-8, Benzoic acid, 4-amino-3,5-dimethyl- 5628-44-4, Benzoic acid, 4-amino-2,3-dimethyl- 6311-37-1, Benzoic acid, 4-amino-3-bromo- 16752-16-2, Benzoic acid, 4-amino-2,6-dimethyl- 66095-76-9, Benzoic acid, 2-acetamido-4-amino-, methyl ester
860694-75-3, Benzoic acid, 4-amino-2-sulfanilamido-
(effect on bacterial growth)

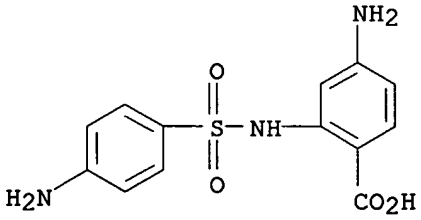
=> 860694-75-3
REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L12 1 L11

=> disply hitstr l12 1
MISSING OPERATOR HITSTR L12
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> display hitstr l12 1

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
IT **860694-75-3**, Benzoic acid, 4-amino-2-sulfanilamido-
(effect on bacterial growth)
RN 860694-75-3 CAPLUS
CN Benzoic acid, 4-amino-2-sulfanilamido- (5CI) (CA INDEX NAME)



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CA SUBSCRIBER PRICE                                       0.00      -2.25

 SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:57:04 ON 13 JUN 2006

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LOGINID:SSSPTA1623PAZ

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


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 NEWS  1          Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2          "Ask CAS" for self-help around the clock
 NEWS  3  JAN 17  Pre-1988 INPI data added to MARPAT
 NEWS  4  FEB 21  STN AnaVist, Version 1.1, lets you share your STN AnaVist
                  visualization results
 NEWS  5  FEB 22  The IPC thesaurus added to additional patent databases on STN
 NEWS  6  FEB 22  Updates in EPFULL; IPC 8 enhancements added
 NEWS  7  FEB 27  New STN AnaVist pricing effective March 1, 2006
 NEWS  8  MAR 03  Updates in PATDPA; addition of IPC 8 data without attributes
 NEWS  9  MAR 22  EMBASE is now updated on a daily basis
 NEWS 10  APR 03  New IPC 8 fields and IPC thesaurus added to PATDPAFULL
 NEWS 11  APR 03  Bibliographic data updates resume; new IPC 8 fields and IPC
                  thesaurus added in PCTFULL
 NEWS 12  APR 04  STN AnaVist $500 visualization usage credit offered
 NEWS 13  APR 12  LINSPEC, learning database for INSPEC, reloaded and enhanced
 NEWS 14  APR 12  Improved structure highlighting in FQHIT and QHIT display
                  in MARPAT
 NEWS 15  APR 12  Derwent World Patents Index to be reloaded and enhanced during
                  second quarter; strategies may be affected
 NEWS 16  MAY 10  CA/CAplus enhanced with 1900-1906 U.S. patent records
 NEWS 17  MAY 11  KOREAPAT updates resume
 NEWS 18  MAY 19  Derwent World Patents Index to be reloaded and enhanced
 NEWS 19  MAY 30  IPC 8 Rolled-up Core codes added to CA/CAplus and
                  USPATFULL/USPAT2
 NEWS 20  MAY 30  The F-Term thesaurus is now available in CA/CAplus
 NEWS 21  JUN 02  The first reclassification of IPC codes now complete in
                  INPADOC

 NEWS EXPRESS     FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
                  CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
                  AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
                  V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
                  http://download.cas.org/express/v8.0-Discover/
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 NEWS HOURS     STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN     Welcome Banner and News Items
 NEWS IPC8      For general information regarding STN implementation of IPC 8
 NEWS X25       X.25 communication option no longer available after June 2006

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* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 12:12:38 ON 13 JUN 2006

=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

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STRUCTURE FILE UPDATES:   12 JUN 2006  HIGHEST RN 887497-01-0
DICTIONARY FILE UPDATES:  12 JUN 2006  HIGHEST RN 887497-01-0

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TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

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*********************************************************************
*                                                                   *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                   *
*********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
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predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary
files\10667358\10667358 claims 4-8.str
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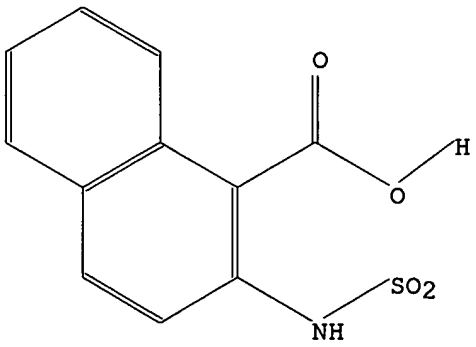
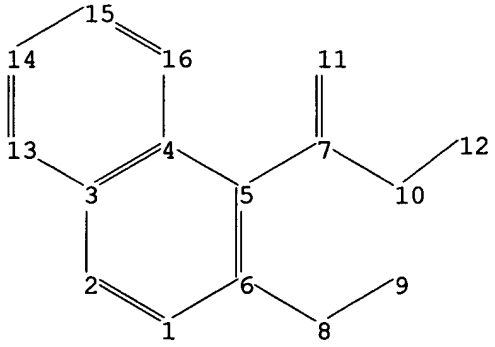


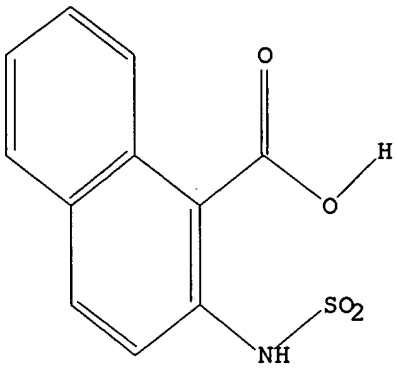


chain nodes :
7 8 9 10 11 12
ring nodes :
1 2 3 4 5 6 13 14 15 16
chain bonds :
5-7 6-8 7-10 7-11 8-9 10-12
ring bonds :
1-2 1-6 2-3 3-4 3-13 4-5 4-16 5-6 13-14 14-15 15-16
exact/norm bonds :
6-8 8-9
exact bonds :
5-7 10-12
normalized bonds :
1-2 1-6 2-3 3-4 3-13 4-5 4-16 5-6 7-10 7-11 13-14 14-15 15-16

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l1 sss sam

SAMPLE SEARCH INITIATED 12:13:08 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 15 TO ITERATE

100.0% PROCESSED 15 ITERATIONS 7 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 68 TO 532
PROJECTED ANSWERS: 7 TO 298

L2 7 SEA SSS SAM L1

=> d scan

L2 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
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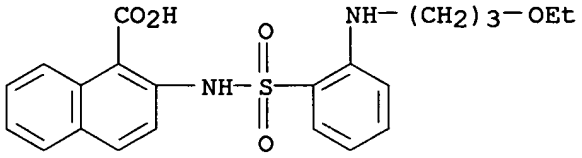
MF C22 H24 N2 O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):7

L2 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
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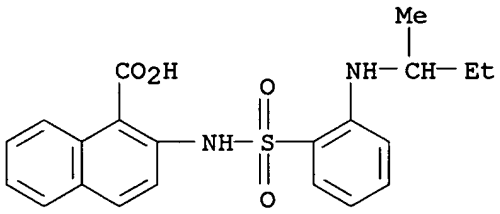

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
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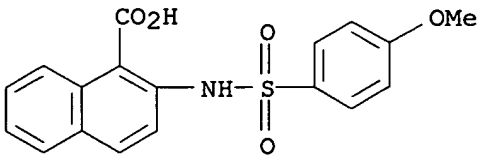

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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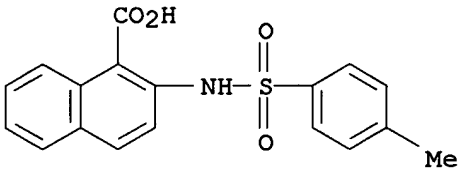

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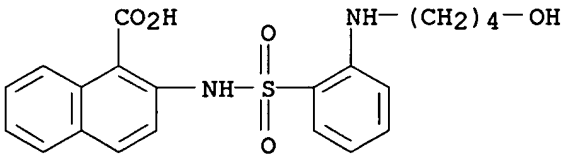

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
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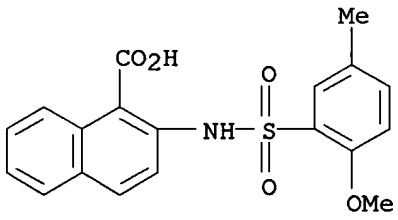

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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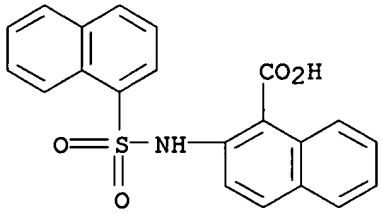

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.44	0.65

FILE 'CAPLUS' ENTERED AT 12:13:26 ON 13 JUN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 13 Jun 2006 VOL 144 ISS 25
FILE LAST UPDATED: 12 Jun 2006 (20060612/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

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L3 5 L2

=> d l3 3-5 ti fbib abs

L3 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamides having antiangiogenic and anticancer activity

AN 2004:333690 CAPLUS
DN 140:357061
TI Preparation of sulfonamides having antiangiogenic and anticancer activity
IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.; Kawai, Megumi; Kim, Ki H.; Bamaung, Nwe Y.; Park, Chan Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi; Barnes, David M.; Fidanze, Steve D.; Kolaczkowsi, Lawrence; Mantei, Robert A.; Park, David C.; Sanders, William J.; Tedrow, Jason S.; Wang, Gary T.
PA Abbott Laboratories, USA
SO PCT Int. Appl., 309 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

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PATENT FAMILY INFORMATION:
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FAN 2004:652631

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OS MARPAT 140:357061

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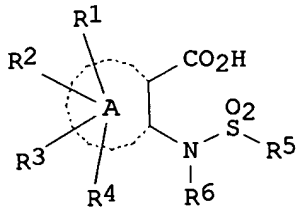

I

AB The title compds. [I; A = 5-6 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S (wherein the ring is optionally fused to a second 5-7 membered (non)aromatic ring containing 0-3 atoms selected from N, O, and S); R1-R3 = H, alkenyl, alkoxy, etc.; R4 = H, alkyl, alkoxy, etc.; R5 = alkyl, NH2, aminoalkyl, aryl, etc.; R6 = H, alkyl, aryl, etc.; provided that when A = Ph, at least one of R1-R4 is other than H, alkyl, halo] having methionine aminopeptidase-2 inhibitory (MetAP2) activity, were prepared E.g., a multi-step synthesis of 5-ethyl-2-[(phenylsulfonyl)amino]benzoic acid, starting from 4-ethylaniline, was given. Representative compds. I had IC50's between about 0.005 μM and >100 μM against MetAP2. Also described are pharmaceutical compns. comprising the compds. I, methods of treatment using the compds. I, methods of inhibiting angiogenesis, and methods of treating cancer.

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
TI Sulfonamides having antiangiogenic and anticancer activity
AN 2004:293400 CAPLUS
DN 140:315047
TI Sulfonamides having antiangiogenic and anticancer activity
IN Comess, Kenneth M.; Erickson, Scott A.; Henkin, Jack; Kalvin, Douglas M.; Kawai, Megumi; Kim, Ki Hwan; Bamaung, Nwe Y.; Park, Chang Hoon; Sheppard, George S.; Vasudevan, Anil; Wang, Jieyi
PA USA
SO U.S. Pat. Appl. Publ., 26 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
PI	US 2004068012	A1	20040408	US 2002-267081		20021008
	US 2004157836	A1	20040812	US 2003-667358		20030923
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PATENT FAMILY INFORMATION:

FAN 2004:333690

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FAN 2004:652631

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	CA 2501520	AA	20040422	CA 2003-2501520		20031006
				US 2002-267081	A	20021008
				US 2003-667358	A	20030923
				WO 2003-US31671	W	20031006
	WO 2004033419	A1	20040422	WO 2003-US31671		20031006
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	AU 2003279857	A1	20040504	AU 2003-279857		20031006
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IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
US 2002-267081 A 20021008
US 2003-667358 A 20030923
WO 2003-US31671 W 20031006

AB Compds. having methionine aminopeptidase-2 inhibitory (MetAP2) are described. Also described are pharmaceutical compns. comprising the compds., methods of treatment using the compds., methods of inhibiting angiogenesis, and methods of treating cancer.

L3 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
TI Comparative study of properties inherent in serine proteases of lower and higher vertebrates
AN 1991:444903 CAPLUS
DN 115:44903
TI Comparative study of properties inherent in serine proteases of lower and higher vertebrates
AU Kolodzeiskaya, M. V.; Verevka, S. V.
CS A. V. Palladin Inst. Biochem., Kiev, USSR
SO Ukrainskii Biokhimicheskii Zhurnal (1978-1999) (1990), 62(6), 31-7
CODEN: UBZHD4; ISSN: 0201-8470
DT Journal
LA Russian
AB Results of the comparative study of trypsin- and chymotrypsin-like serine proteases from pyloric caeca of salmon and trypsin and chymotrypsin of bull are presented. The hydrolytic activity of salmon proteases with respect to Me ethers of N-benzoyl-L-leucine is 2.4 times higher than that of bull chymotrypsin, but with respect to Me esters of N-benzoyl-L-tyrosine and N-benzoyl-L-arginine the activity of salmon proteases is 6.5 and 80 times lower than that of bull chymotrypsin and trypsin. Salmon proteases in contrast to bull trypsin and chymotrypsin hydrolyze N-glutaryl-L-phenylalanine paranitroanilide slightly. It shown that fish proteases are not absolutely specific to synthetic substrates, which is a result of their less pronounced (than in case of bull trypsin and chymotrypsin) differences in structures of binding centers. The study of the salmon protease interaction with some immobilized ligands has confirmed the higher affinity of enzymes to reagents with two space-separated aromatic rings in their composition It is supposed that salmon proteases interact with such reagents through two sites: hydrophobic pockets and probably addnl. binding site of the active center. The salmon protease preparation demonstrates higher resistance to inactivating action of formaldehyde within the range of concns. 2-16% than bull chymotrypsin does.

=> d l3 5 it

L3 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
IT Whale
(serine proteinase of, formaldehyde inhibition of)
IT Salmon
(trypsin and chymotrypsin of, substrate specificity of, mammalian enzymes comparison with)
IT Cattle
(trypsin and chymotrypsin of, substrate specificity of, salmon enzymes comparison with)
IT Molecular structure-biological activity relationship
(serine proteinase substrate, of amino acid hydrophobic derivs.)
IT Enzyme functional sites
(substrate-binding, of serine proteinases, of salmon and mammals, comparative study of)
IT 37259-58-8, Serine proteinase
RL: BIOL (Biological study)
(formaldehyde inhibition of, of whale, fish and mammalian enzymes in

relation to)
IT 1161-13-3 1220-80-0 2198-64-3 4631-12-3 5699-79-6 6094-36-6
6311-23-5 13139-15-6 27458-06-6 37028-84-5 37028-85-6
134864-08-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with chymotrypsin and trypsin of salmon)
IT 50-00-0, Formaldehyde, biological studies
RL: BIOL (Biological study)
(serine proteinase of mammals and salmon inhibition by)
IT 9002-07-7, Trypsin 9004-07-3, Chymotrypsin
RL: BIOL (Biological study)
(substrate specificity of, of mammals and salmon, comparative study of)

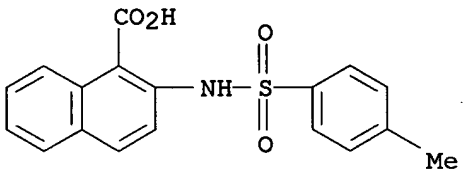
=> 134864-08-7
REG1stRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L5 5 L4

=> dispaly hitstr l5 1-5
MISSING OPERATOR HITSTR L5
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

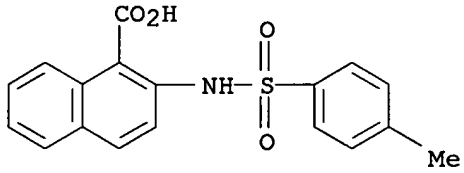
=> display hitstr l5 1-5

L5 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
IT **134864-08-7P**, 2-[[(4-Methylphenyl)sulfonyl]amino]-1-naphthoic acid
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
(preparation of sulfonamides having antiangiogenic and anticancer activity)
RN 134864-08-7 CAPLUS
CN 1-Naphthalenecarboxylic acid, 2-[[(4-methylphenyl)sulfonyl]amino]- (9CI)
(CA INDEX NAME)

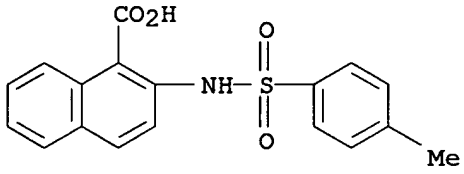


L5 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
IT **134864-08-7P**, 2-[[(4-Methylphenyl)sulfonyl]amino]-1-naphthoic acid
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
(preparation of sulfonamides having antiangiogenic and anticancer activity)
RN 134864-08-7 CAPLUS
CN 1-Naphthalenecarboxylic acid, 2-[[(4-methylphenyl)sulfonyl]amino]- (9CI)

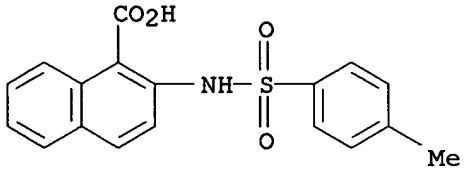
(CA INDEX NAME)



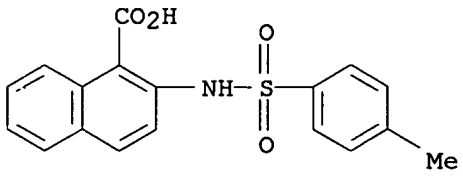
L5 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
IT **134864-08-7P**, 2-[[(4-Methylphenyl)sulfonyl]amino]-1-naphthoic acid
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of sulfonamides having antiangiogenic and anticancer activity)
RN 134864-08-7 CAPLUS
CN 1-Naphthalenecarboxylic acid, 2-[[(4-methylphenyl)sulfonyl]amino]- (9CI) (CA INDEX NAME)



L5 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
IT **134864-08-7P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(sulfonamides having antiangiogenic and anticancer activity)
RN 134864-08-7 CAPLUS
CN 1-Naphthalenecarboxylic acid, 2-[[(4-methylphenyl)sulfonyl]amino]- (9CI) (CA INDEX NAME)



L5 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
IT **134864-08-7**
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with chymotrypsin and trypsin of salmon)
RN 134864-08-7 CAPLUS
CN 1-Naphthalenecarboxylic acid, 2-[[(4-methylphenyl)sulfonyl]amino]- (9CI) (CA INDEX NAME)

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=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                        16.10      41.12

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)              SINCE FILE      TOTAL
                                                           ENTRY    SESSION
CA SUBSCRIBER PRICE                                         0.00      -2.25

FILE 'REGISTRY' ENTERED AT 12:18:34 ON 13 JUN 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES:   12 JUN 2006  HIGHEST RN 887497-01-0
DICTIONARY FILE UPDATES:  12 JUN 2006  HIGHEST RN 887497-01-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005.  A new display format, IDERL, is now    *
* available and contains the CA role and document type information. *
*                                                                    *
**********************************************************************

Structure search iteration limits have been increased.  See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Documents and Settings\PZucker\My Documents\Examination Auxillary
files\10667358\10667358 claims saturated 4-8.str
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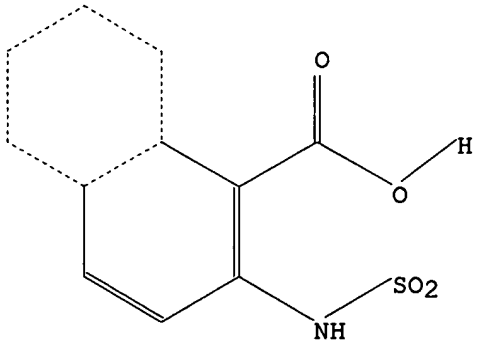
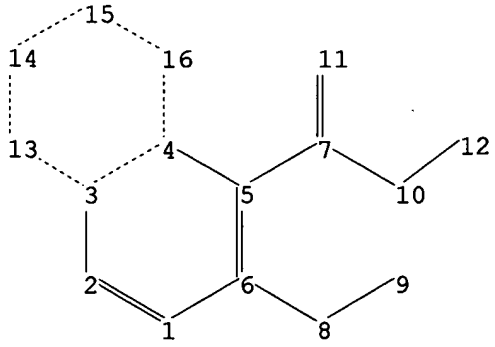


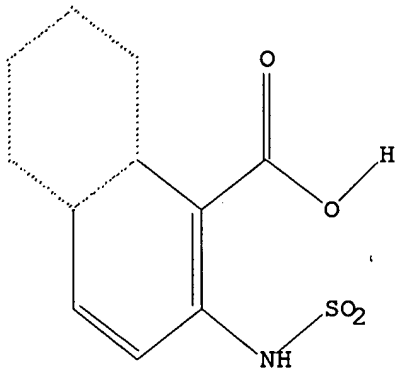


chain nodes :
7 8 9 10 11 12
ring nodes :
1 2 3 4 5 6 13 14 15 16
chain bonds :
5-7 6-8 7-10 7-11 8-9 10-12
ring bonds :
1-2 1-6 2-3 3-4 3-13 4-5 4-16 5-6 13-14 14-15 15-16
exact/norm bonds :
1-2 1-6 2-3 3-4 3-13 4-5 4-16 5-6 6-8 8-9 13-14 14-15 15-16
exact bonds :
5-7 10-12
normalized bonds :
7-10 7-11

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom

L6 STRUCTURE UPLOADED

=> d l6
L6 HAS NO ANSWERS
L6 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l6 sss sam

SAMPLE SEARCH INITIATED 12:19:02 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 182 TO ITERATE

100.0% PROCESSED 182 ITERATIONS 17 ANSWERS
SEARCH TIME: 00.00.01

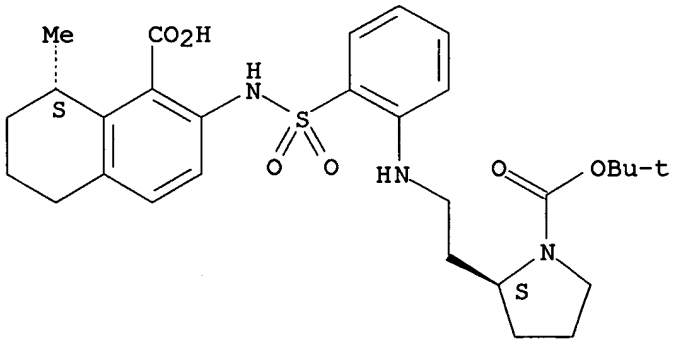
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2831 TO 4449
PROJECTED ANSWERS: 93 TO 587

L7 17 SEA SSS SAM L6

=> d scan

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Pyrrolidinecarboxylic acid, 2-[2-[[2-[[[(8S)-1-carboxy-5,6,7,8-tetrahydro-8-methyl-2-naphthalenyl]amino]sulfonyl]phenyl]amino]ethyl]-, 1-(1,1-dimethylethyl) ester, (2S)- (9CI)
MF C29 H39 N3 O6 S

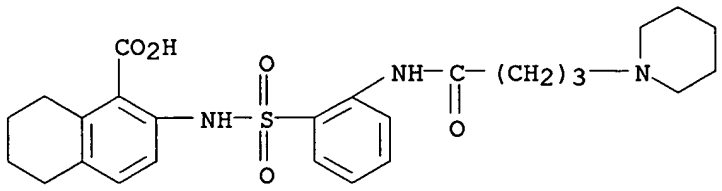
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):17

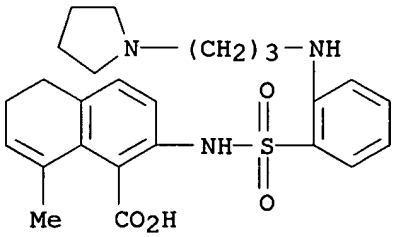
L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 5,6,7,8-tetrahydro-2-[[[2-[[1-oxo-4-(1-piperidinyl)butyl]amino]phenyl]sulfonyl]amino]- (9CI)
MF C26 H33 N3 O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

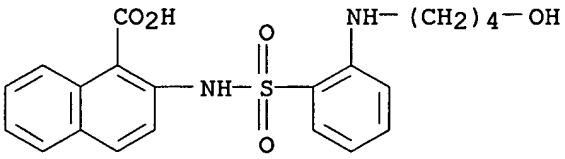
L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN 1-Naphthalenecarboxylic acid, 5,6-dihydro-8-methyl-2-[[[2-[[3-(1-pyrrolidinyl)propyl]amino]phenyl]sulfonyl]amino]- (9CI)
MF C25 H31 N3 O4 S



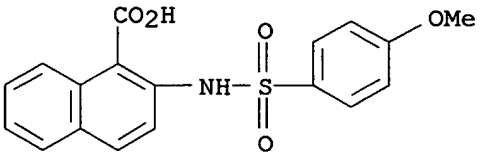
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[[2-[(4-hydroxybutyl)amino]phenyl]sulfonyl]amino]- (9CI)
MF C21 H22 N2 O5 S



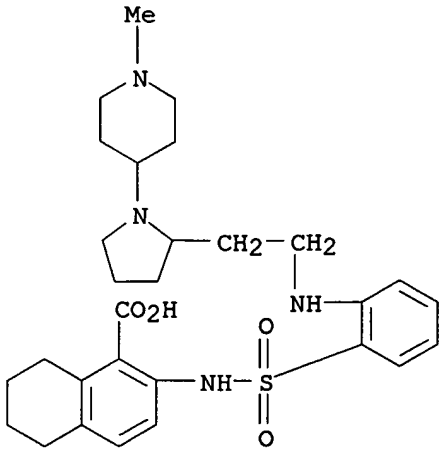
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[(4-methoxyphenyl)sulfonyl]amino]- (9CI)
MF C18 H15 N O5 S



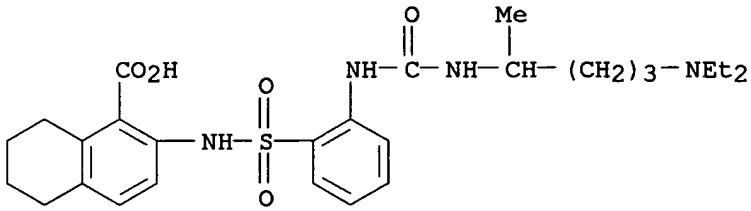
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 5,6,7,8-tetrahydro-2-[[[2-[[2-[1-(1-methyl-4-piperidinyl)-2-pyrrolidinyl]ethyl]amino]phenyl]sulfonyl]amino]- (9CI)
MF C29 H40 N4 O4 S



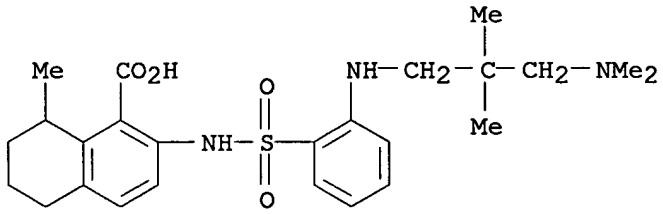
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[[2-[[[[4-(diethylamino)-1-methylbutyl]amino]carbonyl]amino]phenyl]sulfonyl]amino]-5,6,7,8-tetrahydro- (9CI)
MF C27 H38 N4 O5 S



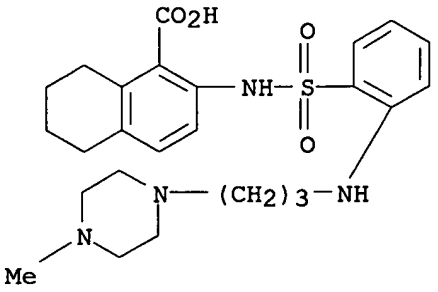
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[[2-[[3-(dimethylamino)-2,2-dimethylpropyl]amino]phenyl]sulfonyl]amino]-5,6,7,8-tetrahydro-8-methyl- (9CI)
MF C25 H35 N3 O4 S



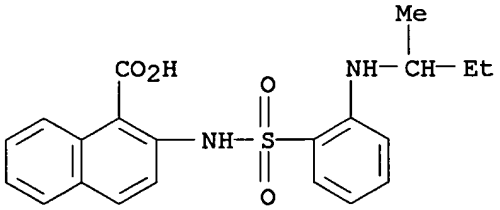
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 5,6,7,8-tetrahydro-2-[[[2-[[3-(4-methyl-1-piperazinyl)propyl]amino]phenyl]sulfonyl]amino]- (9CI)
MF C25 H34 N4 O4 S



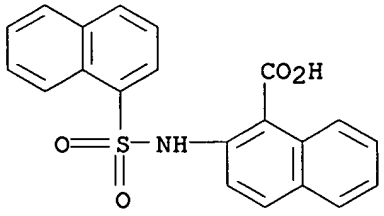
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[[2-[(1-methylpropyl)amino]phenyl]sulfonyl]amino]- (9CI)
MF C21 H22 N2 O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

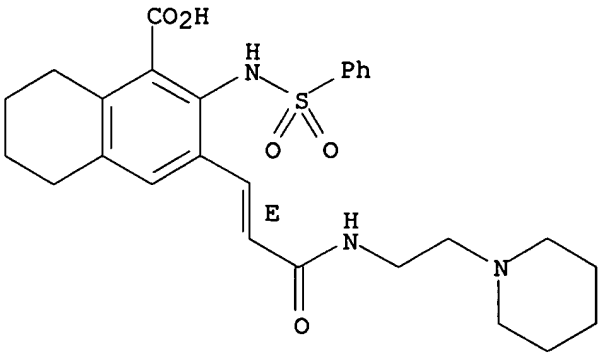
L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[(1-naphthalenylsulfonyl)amino]- (9CI)
MF C21 H15 N O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

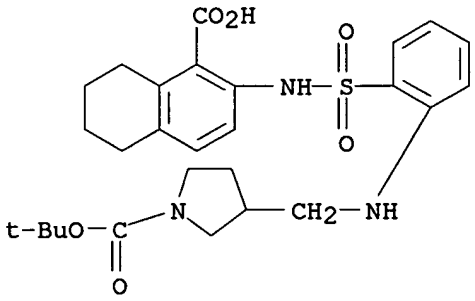
L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 5,6,7,8-tetrahydro-3-[(1E)-3-oxo-3-[[2-(1-piperidinyl)ethyl]amino]-1-propenyl]-2-[(phenylsulfonyl)amino]- (9CI)
MF C27 H33 N3 O5 S

Double bond geometry as shown.



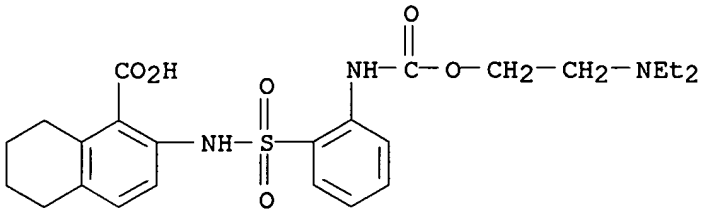
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Pyrrolidinecarboxylic acid, 3-[[[2-[[(1-carboxy-5,6,7,8-tetrahydro-2-naphthalenyl)amino]sulfonyl]phenyl]amino]methyl]-, 1-(1,1-dimethylethyl) ester (9CI)
MF C27 H35 N3 O6 S



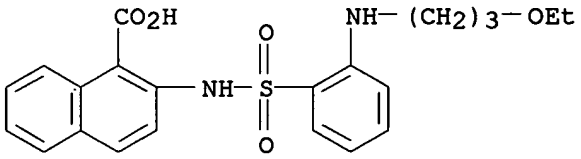
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[[2-[[[2-(diethylamino)ethoxy]carbonyl]amino]phenyl]sulfonyl]amino]-5,6,7,8-tetrahydro- (9CI)
MF C24 H31 N3 O6 S



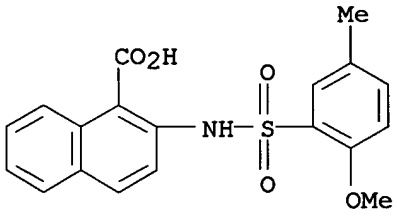
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[[2-[(3-ethoxypropyl)amino]phenyl]sulfonyl]amino]- (9CI)
MF C22 H24 N2 O5 S



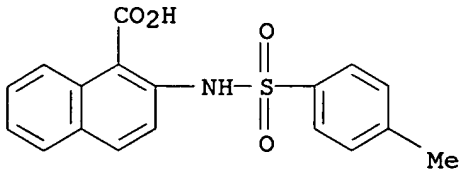
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[(2-methoxy-5-methylphenyl)sulfonyl]amino]- (9CI)
MF C19 H17 N O5 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 17 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 1-Naphthalenecarboxylic acid, 2-[[(4-methylphenyl)sulfonyl]amino]- (9CI)
MF C18 H15 N O4 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> e 1-Naphthalenecarboxylic acid, 5,6-dihydro-8-methyl-2-(((2-((3-(1-pyrrolidinyl)propyl)amino)phenyl)sulfonyl)amino)-/cn

E1 1 1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-(((2-((2-(1-PYRROLIDINYL)ETHYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN

E2 1 1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-(((2-((2-(4-MORPHOLINYL)ETHYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN

E3 0 --> 1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-(((2-((3-(1- PYRROLIDINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN

E4 1 1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-(((2-((3-(1-PIPERIDINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN

E5 1 1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-(((2-((3-(1-PYRROLIDINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN

E6 1 1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-(((2-((3-(2-METHYL-1-PIPERIDINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN

E7 1 1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-(((2-((3-(3-(METHYLAMINO)PHENYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN

E8 1 1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-(((2-((3-(4-METHYL-1-PIPERAZINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN

E9 1 1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-(((2-(4-(PHENYLMETHYL)-1-PIPERAZINYL)PHENYL)SULFONYL)AMINO)-/CN

E10 1 1-NAPHTHALENECARBOXYLIC ACID, 5,7,7-TRIMETHYL-2-(1,3,3-TRIMETHYLBUTYL)OCTYL ESTER/CN

E11 1 1-NAPHTHALENECARBOXYLIC ACID, 5,7-DIBROMO-/CN

E12 1 1-NAPHTHALENECARBOXYLIC ACID, 5,7-DICHLORO-/CN

=> e 1-Naphthalenecarboxylic acid, 5,6-dihydro-8-methyl-2-(((2-((3-(1-pyrrolidinyl)propyl)amino)phenyl)sulfonyl)amino)-/cn

E1 1 1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-(((2-((2-(4-MORPHOLINYL)ETHYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN

E2 1 1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-(((2-((3-(1-PIPERIDINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN

E3 1 --> 1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-(((2-((3-(1-PYRROLIDINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN

E4 1 1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-(((2-((3-(2-METHYL-1-PIPERIDINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN

E5 1 1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-(((2-((3-(3-(METHYLAMINO)PHENYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN

E6 1 1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-(((2-((3-(4-METHYL-1-PIPERAZINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-/CN

```
E7          1     1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-(((2-(4
                  -(PHENYLMETHYL)-1-PIPERAZINYL)PHENYL)SULFONYL)AMINO)-/CN
E8          1     1-NAPHTHALENECARBOXYLIC ACID, 5,7,7-TRIMETHYL-2-(1,3,3-TRIME
                  THYLBUTYL)OCTYL ESTER/CN
E9          1     1-NAPHTHALENECARBOXYLIC ACID, 5,7-DIBROMO-/CN
E10         1     1-NAPHTHALENECARBOXYLIC ACID, 5,7-DICHLORO-/CN
E11         1     1-NAPHTHALENECARBOXYLIC ACID, 5,7-DICHLORO-, SODIUM SALT/CN
E12         1     1-NAPHTHALENECARBOXYLIC ACID, 5,7-DIETHYL-2-HYDROXY-, CHROMI
                  UM COMPLEX/CN

=> e3
L8          1 "1-NAPHTHALENECARBOXYLIC ACID, 5,6-DIHYDRO-8-METHYL-2-(((2-((3-(
              1-PYRROLIDINYL)PROPYL)AMINO)PHENYL)SULFONYL)AMINO)-"/CN

=> d l8

L8   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2006 ACS on STN
RN   681243-13-0  REGISTRY
ED   Entered STN:  12 May 2004
CN   1-Naphthalenecarboxylic acid, 5,6-dihydro-8-methyl-2-[[[2-[[3-(1-
     pyrrolidinyl)propyl]amino]phenyl]sulfonyl]amino]- (9CI)  (CA INDEX
     NAME)
OTHER NAMES:
CN   8-Methyl-2-[[(2-[[3-(1-pyrrolidinyl)propyl]amino]phenyl)sulfonyl]amino]-
     5,6-dihydro-1-naphthalenecarboxylic acid
MF   C25 H31 N3 O4 S
SR   CA
LC   STN Files:   CA, CAPLUS, TOXCENTER, USPATFULL
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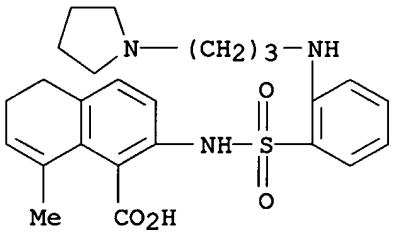


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L9 3 L8

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TI Preparation of sulfonamides having antiangiogenic and anticancer activity

L9 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamides having antiangiogenic and anticancer activity

L9 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI Preparation of sulfonamides having antiangiogenic and anticancer activity

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